Canadian Intellectual Property Office
An Agency of Industry Canada

Office de la propriété intellectuelle du Canada
Un organisme d'Industrie Canada

ISSN-1712-4034

The Patent Office Record

La Gazette du Bureau des brevets

Vol. 142 No. 11 March 18, 2014

Vol. 142 No. 11 le 18 mars 2014

Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Sylvain Laporte
Commissioner of Patents

Sylvain Laporte
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,630,282

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,630,282

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After December 31, 2013

1.	**Transmittal Fee** (Rule 14)	**$300**
2.	**International Filing Fee**	**$1517***
	For each additional sheet over 30	**$17**
3.	**International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 31 décembre 2013

1.	**Taxe de transmission** (Règle 14)	**300 $**
2.	**Taxe de dépôt internationale**	**1517 $***
	Pour chaque feuille au delà de 30	**17 $**
3.	**Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*))	**$228**
6. Preliminary examination fee (Rule 58)	**$800**

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*))	**228 $**
6. Taxe d'examen préliminaire (Règle 58)	**800 $**

* International fees will be reduced by:

- **$114** for all applications filed using PCT-EASY,
- **$228** for all applications filed electronically using PCT-SAFE (The request in character coded format).
- **$342** for all applications filed electronically using PCT-SAFE (The request, description, claims and abstract in character coded format).

* Les frais seront réduits de:

- **114 $** pour toutes les demandes déposées en utilisant PCT-EASY,
- **228 $** pour toutes les demandes déposées en utilisant PCT-SAFE (La requête étant en format à codage de caractères).
- **342 $** pour toutes les demandes déposées en utilisant PCT-SAFE (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent* and *Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts.*

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés.*

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

May 8, 2012

Effective May 15, 2012 this notice replaces all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

15. Procédures de correspondance

Le 8 mai 2012

Le présent avis, en vigueur à compter du 15 mai 2012, remplace tous les avis antérieurs aux procédures de corrspondence.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit crédit.

Téléchargez le formulaire de paiements.

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 613-952-2268

2. Industry Canada
   5 Place Ville-Marie, Suite 700
   Montreal QC H3B 2G2
   Tel.: 514-496-1797
   Toll-free: 1 888 237-3037

3. Industry Canada
   151 Yonge Street, 4th Floor
   Toronto ON M5C 2W7
   Tel.: 416-973-5000

4. Industry Canada
   Canada Place
   9700 Jasper Avenue, Suite 725
   Edmonton AB T5J 4C3
   Tel.: 780-495-4782
   Toll-free: 1 800 461-2646

5. Industry Canada
   Library Square
   300 West Georgia Street, Suite 2000
   Vancouver BC V6B 6E1
   Tel.: 604-666-5000

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 613-952-2268

2. Industrie Canada
   5, Place Ville-Marie, pièce 700
   Montréal (Québec) H3B 2G2
   Tél. : 514-496-1797
   Sans frais : 1-888-237-3037

3. Industrie Canada
   151, rue Yonge, 4e étage
   Toronto (Ontario) M5C 2W7
   Tél. : 416-973-5000

4. Industrie Canada
   Canada Place
   9700, avenue Jasper, pièce 725
   Edmonton (Alberta) T5J 4C3
   Tél. : 780-495-4782
   Sans frais : 1-800-461-2646

5. Industrie Canada
   Library Square
   300, rue Georgia Ouest, pièce 2000
   Vancouver (C.-B.) V6B 6E1
   Tél. : 604-666-5000

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. Registered Mail Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the Registered Mail Service of Canada Post is a designated establishment or designated office to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

Correspondence delivered through the Registered Mail Service of Canada Post will be considered to be received on the date stamped on the envelope by Canada Post, only if it is also a day on which CIPO is open for business. If the date stamp on the Registered Mail is a day when CIPO is closed for business, the Registered Mail will be considered to be received on the next day on which CIPO is open for business.

2. Service Courrier recommandé de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, le service Courrier recommandé de Postes Canada est un établissement ou bureau désigné auquel la correspondance adressée au commissaire aux brevets, au Bureau du droit d'auteur ou au registraire des topographies peut être livrée.

La correspondance livrée par l'entremise du service Courrier recommandé de Postes Canada sera réputée reçue à la date estampillée sur l'enveloppe par Postes Canada seulement si l'OPIC est ouvert au public à cette date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings and applications prepared using the PCT-EASY or PCT-SAFE as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée dans la phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des demandes et des listages de séquences préparés à l'aide de PCT-EASY ou PCT-SAFE, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence which is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the covering letter to ensure expedient processing. Payment arrangements may be made through CIPO's Finance Branch at the following number: 819-994-2269.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré dans la lettre d'envoi en vue d'assurer un traitement rapide. Pour prendre les dispositions nécessaires, on pourra communiquer avec la Direction des finances de l'OPIC en composant le 819-994-2269.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

Patents

For the purpose of subsection 5(6) of the Patent Rules, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software. The filing must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for the registration of a trade-mark;
- filing of a revised application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application;
- statement of opposition; and
- request an extension of time in trade-mark opposition proceedings.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE

Conformément à la Règle 89*bis* du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide du logiciel PCT-SAFE fourni par le Bureau international. Le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales, appelé dépôt électronique de demande PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- demande d'enregistrement d'une marque de commerce;
- demande d'enregistrement d'une marque de commerce modifiée;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce;
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce;
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyrights

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work;
- application for registration of a copyright in a performer's performance, sound recording or communication signal;
- Filing a grant of interest;
- Request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyrights.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une oeuvre;
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques; et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits integers

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées à l'article 93 des *Règles sur les brevets* resteront applicables.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: PCT-EASY

Pursuant to PCT Rule 89ter, CIPO, in its role as a receiving Office, accepts the filing of an international application containing the request presented as a print-out prepared using the PCT-EASY features of the PCT-SAFE software made available by the International Bureau together with an electronic medium containing a copy in electronic form of the data contained in the request and of the abstract. For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT: PCT-EASY

Conformément à la Règle 89ter du PCT, à titre d'office récepteur l'OPIC accepte que le dépôt d'une demande internationale présentée sur support papier et préparée à l'aide des fonctions PCT-EASY du logiciel PCT-SAFE fourni par le Bureau international soit accompagné d'un support électronique contenant une copie sous forme électronique des données figurant dans la demande et l'abrégé. À cette fin, l'office récepteur canadien acceptera tout support électronique indiqué à l'Annexe F des Instructions administratives du PCT.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89*bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

- only on an electronic medium in electronic form in accordance with section 802 of Part 8 of the PCT Administrative Instructions; or
- both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux Règles 89*bis* et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

- seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT; ou
- sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT;

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT respectivement.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media which shall contain no other programs or files.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labelling of the electronic media and the calculation of the international filing fee, refer to Section 7 of the PCT Administrative Instructions.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

Supports électroniques acceptés par le Bureau des brevets

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.
The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

Le Bureau de brevets acceptera des disquettes, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.
Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Details concerning the electronic formats accepted

4. Précisions concernant les formats électroniques acceptés

Patents

Brevets

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;
- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of March 18, 2014 contains applications open to public inspection from March 2, 2014 to March 8, 2014.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 18 mars 2014 contient les demandes disponibles au public pour consultation pour la période du 2 mars 2014 au 8 mars 2014.

Canadian Patents Issued

March 18, 2014

Brevets canadiens délivrés

18 mars 2014

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[52] 260/282 167/43
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[73] ABBOTT LABORATORIES, US
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[54] **STREPTOCOCCUS PNEUMONIAE PROTEINS AND IMMUNOGENIC FRAGMENTS FOR VACCINES**
[54] **PROTEINES DE STREPTOCOCCUS PNEUMONIAE ET FRAGMENTS IMMUNOGENES POUR VACCINS**
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[72] KOENIG, SCOTT, US
[72] ADAMOU, JOHN E., US
[73] MEDIMMUNE, INC., US
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[86] 1999-12-21 (PCT/US1999/030390)
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[25] EN
[54] **ACOUSTIC BOARD WITH AN IMPROVED COMPOSITE STRUCTURE**
[54] **PANNEAU INSONORISANT AVEC STRUCTURE COMPOSITE AMELIOREE**
[72] MURRAY, PAUL, IT
[72] BATTINI, MASSIMO, IT
[73] ALENIA AERMACCHI S.P.A., IT
[86] (2367612)
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[54] **CRANBERRY SEED OIL EXTRACT AND COMPOSITIONS CONTAINING COMPONENTS THEREOF**
[54] **EXTRAIT D'HUILE DE GRAINES DE CANNEBERGE ET COMPOSITIONS CONTENANT SES CONSTITUANTS**
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[72] MARTIN, JEFFREY L., US
[72] JOSEPH, GEORGE T., US
[72] HENES, ALEX J., US
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[73] LEVEL 3 COMMUNICATIONS, LLC, US
[86] (2416752)
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[22] 2003-01-21
[30] US (10/057,362) 2002-01-25

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[54] **ANALYSE DE BIOPOLYMERES EN SPECTROMETRIE DE MASSE**
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[72] GANSHAW, GRANT C., US
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[54] **DISQUE OPTIQUE**
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[73] PANASONIC CORPORATION, JP
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[11] 2,439,645
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[51] **Int.Cl. C12N 1/20 (2006.01) C12M 1/00 (2006.01) C12M 1/02 (2006.01) C12M 1/06 (2006.01)**
[25] EN
[54] **AUTOMATED BIOLOGICAL GROWTH AND DISPENSING SYSTEM**
[54] **SYSTEME AUTOMATISE DE CROISSANCE ET DE DISTRIBUTION BIOLOGIQUES**
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[54] **EFFETS PROTECTEURS ADDITIFS DE DEUX REGIONS BIOACTIVES DE L'HORMONE PRO-OPIOMELANOCORTINE**
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[72] STAMBUK, NIKOLA, HU
[72] KONJEVODA, PASKO, HU
[72] MIKUS, DARKO, HU
[73] ADEMOVIC, ZLATKO, BA
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[72] VICE, CHARLES A., US
[72] XIA, DONG CHUN, US
[72] TULLIS, HENRY D., US
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[54] **SOLUTIONS STABLES DE MELOXICAM A FORTE CONCENTRATION POUR INJECTION SANS AIGUILLE**
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[72] FOLGER, MARTIN ANDREAS, DE
[72] HASSEL, BERNHARD, DE
[72] ZIERENBERG, BERND, DE
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[54] **CASTABLE DIFFUSION MEMBRANE FOR ENZYME-BASED SENSOR APPLICATION**
[54] **MEMBRANE DE DIFFUSION MOULABLE POUR DES APPLICATIONS DE DETECTION BASE SUR UN ENZYME**
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[73] F. HOFFMANN-LA ROCHE AG, CH
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[54] **PROCEDE POUR FABRIQUER DES COMPOSITES THERMODURCISSABLES PLUS ECOLOGIQUES A STRUCTURE PREFORMEE**
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[54] **MATIERE METALLIQUE POUR PILE A COMBUSTIBLE, PILE A COMBUSTIBLE ASSOCIEE ET PROCEDE DE PRODUCTION DE LA MATIERE**
[72] IDE, SHINSUKE, JP
[72] ISHIKAWA, SHIN, JP
[72] TAKAO, KENJI, JP
[72] FURUKIMI, OSAMU, JP
[72] FUKUDA, KUNIO, JP
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[54] **NUCLEIC ACID SEQUENCE AND PROTEIN, AND POLYPEPTIDES ENCODING MANNITOL DEHYDROGENASES OR PARTS THEREOF, AND THEIR PREPARATION AND USE IN DIAGNOSTICS AND THERAPY**
[54] **SEQUENCE D'ACIDES NUCLEIQUES ET PROTEINE AINSI QUE POLYPEPTIDES CODANT DES MANNITOL DESHYDROGENASES OU LEURS PARTIES AINSI QUE LEUR PREPARATION ET LEUR UTILISATION A DES FINS DE DIAGNOSTIC ET DE TRAITEMENT**
[72] SIMON-NOBBE, BIRGIT, AT
[72] SCHNEIDER, PETER, AT
[72] DENK, URSULA, AT
[72] WALLY, VERENA, AT
[72] RICHTER, KLAUS, AT
[72] RADAUER, CHRISTIAN, AT
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[54] **RECEPTEUR DETECTANT LES CATIONS POLYVALENTS DANS DU SAUMON ATLANTIQUE**
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[72] BETKA, MARLIES, US
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[54] **ONE TO MANY DATA PROJECTION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE PROJECTION DE DONNEES SUR UN OU PLUSIEURS ECRANS**
[72] GUPTA, ROHIT, US
[72] MANION, TODD R., US
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[54] **RADIAMETRE**
[72] WATADANI, KOJI, JP
[72] SATO, KENJI, JP
[72] SHIMURA, YOICHIRO, JP
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[54] **APPAREIL ET PROCEDE D'INJECTION AUTOMATIQUE RAPIDE D'UN MEDICAMENT**
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[72] SELLERS, JAMES M., US
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[73] SEEDLINGS LIFE SCIENCE VENTURES, LLC., US
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[54] **SYSTEME DE PROTECTION CATHODIQUE A COURANT IMPOSE ET EFFET GALVANIQUE**
[72] WHITMORE, DAVID, CA
[72] BALL, JOHN CHRISTOPHER, US
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[54] **AMPLIFICATION D'ACIDES NUCLEIQUES A L'AIDE D'AGENTS DE SYNCHRONISATION**
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[73] KECK GRADUATE INSTITUTE, US
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[72] BRENNAN, VICTOR L., US
[72] BLANCH, PAUL B., US
[72] BANNER, MICHAEL J., US
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[54] **PROCEDE DE TRAITEMENT DE L'ASTHME METTANT EN OEUVRE DES ANTICORPS EN COMPLEMENT DU CONSTITUANT C5**
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[73] ALEXION PHARMACEUTICALS, INC., US
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[54] **ARTICLES COMPOSITES RESISTANT AU FEU ET AUX BALLES**
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[72] DICKSON, LARRY, US
[73] HONEYWELL INTERNATIONAL INC., US
[73] COMPOSIX COMPANY, US
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[73] AKERUE INDUSTRIES, LLC, DOING BUSINESS AS KAY HOME PRODUCTS, US
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[54] **ACIDE NUCLEIQUE 24P4C12 ET PROTEINE CORRESPONDANTE UTILISES DANS LE TRAITEMENT ET LA DETECTION DU CANCER**
[72] RAITANO, ARTHUR B., US
[72] MORRISON, KAREN JANE MEYRICK, US
[72] GE, WANGMAO, US
[72] CHALLITA-EID, PIA M., US
[72] JAKOBOVITS, AYA, US
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[72] RENZ, CHARLES JOHN, US
[72] ROUSSO, JOHN GEORGE, US
[72] LIISTRO, BRENDA, US
[73] PLAYTEX PRODUCTS, INC., US
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[54] **CORRECTION DE LA PRESBYTIE EN UTILISANT LES DONNEES DU PATIENT**
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[72] YEE, KINGMAN, US
[73] VISX, INCORPORATED, US
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[54] **COMPOSES ET METHODES DE TRAITEMENT DES AFFECTIONS CUTANEES**
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[72] DOLE, VICTORIA, US
[72] NYSTRAND, GLENN, US
[73] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
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[54] **SYSTEME DE CONTROLE INTEGRE POUR LE CONTROLE DE DISPOSITIFS A DISTANCE ADRESSABLES**
[72] JAYASHREE, BALAKRISHNAN, IN
[72] RAGHAVENDRA, T. S. PRASAD, IN
[72] K PREMRAJ, MANNIKKATH, IN
[73] HONEYWELL INTERNATIONAL INC., US
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[54] **DEPLOYING AND RECEIVING SOFTWARE OVER A NETWORK SUSCEPTIBLE TO MALICIOUS COMMUNICATION**
[54] **DISTRIBUTION ET RECEPTION DE LOGICIELS SUR UN RESEAU SUSCEPTIBLE DE COMMUNICATION MALICIEUSE**
[72] HOLLADAY, MARTIN L., US
[72] KARKI, MUKESH, US
[72] PARTHASARATHY, NARAYANAN, US
[73] MICROSOFT CORPORATION, US
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[25] FR
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[54] **FORMULATION LIQUIDE INJECTABLE DE PARACETAMOL**
[72] NGUYEN-XUAN, THO, CH
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[54] **METHODS AND ARTICLES FOR DETECTING, VERIFYING, AND REPAIRING MATRIX COLLINEARITY**
[54] **PROCEDES ET ARTICLES DE DETECTION, VERIFICATION ET REPARATION DE COLINEARITES**
[72] ZHENG, QINGSHENG, US
[72] HARMSE, MAGIEL J., GB
[72] RASMUSSEN, KENT H., US
[72] MCINTYRE, BLAINE, CA
[73] ASPEN TECHNOLOGY, INC., US
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[72] PARK, HYUN JUNG, US
[72] JIN, HONG, US
[73] MEDIMMUNE, LLC, US
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[54] **MODE DE MESSAGERIE MIXTE POUR POINTS DE PRESENCE MULTIPLES**
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[72] RANG, TIMOTHY J., US
[73] MICROSOFT CORPORATION, US
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[72] HERITAGE, ANITA FRANCES, GB
[72] UNDERDOWN, JEFFREY, GB
[72] WIX, LOYD, GB
[73] UNILEVER PLC, GB
[86] (2529266)
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[54] **REDUCTION- AND OXIDATION-STABLE IRON OXIDE BLACK PIGMENTS HAVING HIGH COLOUR STRENGTH FOR COLOURING PLASTICS AND BUILDING MATERIALS**
[54] **PIGMENTS NOIRS A BASE D'OXYDE DE FER, STABLES A L'OXYDATION ET A LA REDUCTION, AYANT UNE FORTE INTENSITE DE COULEUR POUR LA COLORATION DE MATIERES PLASTIQUES ET DE MATERIAUX DE CONSTRUCTION**
[72] KUNSTMANN, HERBERT, DE
[72] KRAEUTER, UDO, DE
[72] ROSENHAHN, CARSTEN, DE
[72] MORINGEN, HANS-JOSEF, DE
[73] LANXESS DEUTSCHLAND GMBH, DE
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[54] **VACCINS CONTRE NEISSERIA MENINGITIDIS DU GROUPE Y ET COMBINAISONS MENINGOCOCCIQUES DESDITS VACCINS**
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[73] BAXTER INTERNATIONAL INC., US
[73] BAXTER HEALTHCARE S.A., CH
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[54] **COMPOSITION ADHESIVE AQUEUSE CONTENANT UN PRODUIT DE MELANGE A BASE D'AMIDON DE LEGUMINEUSES**
[72] HOUZE, REGIS, FR
[72] LEROY, THIERRY, FR
[72] GOMBERT, HERVE, FR
[72] CORRIETTE, PASCAL, FR
[73] ROQUETTE FRERES, FR
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[54] **METHOD AND APPARATUS FOR OPERATING VAPORIZATION SYSTEMS**
[54] **METHODE ET APPAREIL POUR L'EXPLOITATION DE SYSTEMES DE VAPORISATION**
[72] HINES, BILLY DANIEL, JR., US
[72] BEATY, FRANK E., III, US
[72] SMITH, GLEN HAYWARD, US
[72] BERGER, JOHN FRANCIS, JR., US
[72] SMITH, MARSHALL GRAHAM, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **TRANSPORTEUR**
[72] MITCHELL, RORY M., US
[73] USNR/KOCKUMS CANCAR COMPANY, US
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[54] **DEVICE FOR PRODUCING DRY ICE AND PRESSURE RELIEF THEREOF**
[54] **DISPOSITIF POUR PRODUIRE DE LA GLACE SECHE ET PROTECTION CONTRE LA SURPRESSION DE CELUI-CI**
[72] GOMES, FRANCIS, US
[72] LANDSBERGER, DAVID, US
[72] FELLER, BRUCE, US
[73] BEL-ART PRODUCTS, INC., US
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[54] **AUTOMATIC BAGGER WITH INTELLIGENT PROGRAMMABLE CONTROLLER**
[54] **ENSACHEUSE AUTOMATIQUE AVEC CONTROLEUR PROGRAMMABLE INTELLIGENT**
[72] BASQUE, ROLAND, CA
[72] PICARD, SEBASTIEN, CA
[73] HOOD PACKAGING CORPORATION, CA
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[54] **INSTALLATIONS DE RESEAU A FIBRE OPTIQUE ENFOUI SOUS LA SURFACE**
[72] DOFHER, DARREN, CA
[73] TERASPAN NETWORKS INC., CA
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[54] **DEVICE AND METHOD FOR ANIMAL TRACKING**
[54] **DISPOSITIF ET PROCEDE DE LOCALISATION D'ANIMAUX**
[72] FANTIN, DENNIS, US
[72] BATES, STEVEN, US
[72] FEUZ, BRIDGER, US
[72] DENISE, SUE K., US
[72] HOLM, TOM, US
[73] BRANHAVEN LLC, US
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[54] **METHODS AND COMPOSITIONS FOR THE CORRELATION OF SINGLE NUCLEOTIDE POLYMORPHISMS IN THE VITAMIN K EPOXIDE REDUCTASE GENE AND WARFARIN DOSAGE**
[54] **TECHNIQUE ET COMPOSITION DE CORRELATION DE POLYMORPHISME NUCLEOTIDIQUE SIMPLE DANS LE GENE VITAMINE K EPOXYDE REDUCTASE ET LE DOSAGE DE WARFARINE**
[72] STAFFORD, DARREL W., US
[72] LI, TAO, US
[73] UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
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[54] **SYSTEM AND METHOD FOR ASYNCHRONOUS WIRELESS SERVICES USING REVERSE SERVICE SCHEMA GENERATION**
[54] **SYSTEME ET PROCEDE DE SERVICES SANS FIL ASYNCHRONES AU MOYEN D'UNE GENERATION DE SCHEMAS DE SERVICES INVERSES**
[72] SHENFIELD, MICHAEL, CA
[72] VITANOV, KAMEN, CA
[72] FRITSCH, BRINDUSA, CA
[73] MOTOROLA MOBILITY, INC., US
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[54] **ACTIVE METAL/AQUEOUS ELECTROCHEMICAL CELLS AND SYSTEMS**
[54] **PILES ELECTROCHIMIQUES METAL ACTIF/EAU ET SYSTEMES ASSOCIES**
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[72] NIMON, YEVGENIY S., US
[73] POLYPLUS BATTERY COMPANY, US
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[73] MAG. BERTHOLD SCHROEDL, AT
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[54] **DELTA-15 DESATURASES APPROPRIEES POUR MODIFIER LES NIVEAUX D'ACIDES GRAS POLYINSATURES DANS DES PLANTES A GRAINES OLEAGINEUSES ET DE LA LEVURE OLEAGINEUSE**
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[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **PROCEDE D'ADMINISTRATION TRANSDERMIQUE DE SUBSTANCES PERMEANTES**
[72] SMITH, ALAN, US
[72] EPPSTEIN, JONATHAN A., US
[72] MESSIER, BERNADETTE, US
[72] NOVAKOVIC, ZORAN, US
[72] MCRAE, STUART, US
[73] ALTEA THERAPEUTICS CORPORATION, US
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[54] **ROTORS DE TURBINE A REACTION A FAIBLE COEFFICIENT DE FROTTEMENT EQUIPES DE JOINTS A PORTEE PLANE**
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[72] KOLLE, JACK, US
[73] TEMPRESS TECHNOLOGIES, INC., US
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[54] **CONDITIONNEMENT DE SURFACE AVANT TRAITEMENT DE CONVERSION CHIMIQUE D'UN ELEMENT EN ACIER**
[72] IZAWA, MASARU, JP
[72] GOTO, KUNIO, JP
[72] UJITA, YOSHIHISA (DECEASED), JP
[72] TAKANO, TAKAHIRO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **POMPE HYDRAULIQUE, APPAREIL A POMPE HYDRAULIQUE ET APPAREIL A ENTRAINEMENT HYDRAULIQUE**
[72] SATO, OSAMU, JP
[72] SAKAI, YOSHITAKE, JP
[73] KAYABA INDUSTRY CO., LTD, JP
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[54] **PROCEDE ET SYSTEME DE TRAITEMENT D'EXCEPTION DE DOCUMENTS MICR**
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[72] HARRINGTON, KATHRYN GERRALD, US
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[72] BEICHLER, RAYMOND G., US
[73] BANK OF AMERICA CORPORATION, US
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[54] **GALLIUM D'INHIBITION DE FORMATION DE FILMS BIOLOGIQUES**
[72] BRITIGAN, BRADLEY E., US
[72] SINGH, PRADEEP, US
[73] THE UNIVERSITY OF IOWA RESEARCH FOUNDATION, US
[73] THE UNITED STATES OF AMERICA AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS, US
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[54] **SAC A ISOLATION THERMIQUE AVEC APPAREIL DE LEVAGE**
[72] MOGIL, MELVIN S., CA
[72] PRUCHNICKI, RENIA, CA
[73] CALIFORNIA INNOVATIONS INC., CA
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[54] **FORMULAIRE DE GESTION COMPRENANT UN BRACELET A SANGLE**
[72] RILEY, JAMES M., US
[72] JAIN, SANJAY, US
[72] GREER, MARK M., US
[73] LASER BAND, LLC, US
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[54] **DISPOSITIF DE BIOPSIE A ORIENTATION D'OUVERTURE ET EMBOUT AMELIORE**
[72] SHABAZ, MARTIN V., US
[72] QUICK, RICHARD L., US
[72] LOUW, FRANK R., US
[72] LUBOCK, PAUL, US
[72] SAFABASH, JASON H., US
[73] SENORX, INC., US
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[72] BRADLEY, ROGER M., US
[73] LEVITON MANUFACTURING CO., INC., US
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[72] BERNIER, DANIEL FRANCIS PAUL, FR
[72] LUNEL, ROMAIN NICOLAS, FR
[72] MARNAS, LAURENT PIERRE ELYSEE GASTON, FR
[73] SNECMA, FR
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[54] **PACKAGE OF SPECIALTY ROOFING MATERIALS, INSERT THEREFORE AND METHOD OF PACKAGING**
[54] **CONDITIONNEMENT CONTENANT DES MATERIAUX DE COUVERTURE SPECIAUX, PIECE RAPPORTEE CONNEXE ET METHODE DE CONDITIONNEMENT**
[72] JENKINS, ROBERT L., US
[72] AMATRUDA, ANNA, US
[73] CERTAINTEED CORPORATION, US
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[54] **DISPOSITIF DE COMMUTATION MODULAIRE**
[72] MATTLAR, HARRI, FI
[72] KOLMONEN, RAINER, FI
[72] SALO, JUHO, FI
[72] PIKKALA, OSMO, FI
[72] SUUTARINEN, AKI, FI
[72] ALANEN, JARKKO, FI
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[54] **EPAISSISSANT SYNTHETIQUE POUR PEINTURE COMPATIBLE AVEC DES COLORANTS**
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[72] LOO, DE-KAI, US
[72] MA, ANGIE H., US
[72] NGUYEN, TUYEN T., US
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[73] HERCULES INCORPORATED, US
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[54] **APPAREIL D'EXAMEN DE L'OEIL PAR TOMOGRAPHIE AVEC DISPOSITIF DE VISEE**
[72] LACOMBE, FRANCOIS, FR
[72] LAFAILLE, DAVID, FR
[72] GLANC, MARIE, FR
[72] GENDRON, ERIC, FR
[72] STEFANOVITCH, DOUCHANE, FR
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[54] **OUTIL D'INSTALLATION MECANIQUE DE PACKER EXTENSIBLE**
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[72] KWEEDER, JAMES A., US
[72] SHIRLEY, ARTHUR RAY JR., US
[72] COCHRAN, KEITH D., US
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[54] **PROCEDE ET APPAREIL DE REDUCTION DE LA QUANTITE DE BOUE PRODUITE DANS UNE USINE DE PATE ET/OU DE PAPIER**
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[73] METSO PAPER, INC., FI
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[54] **ARTIFICIAL IMMUNE SYSTEM: METHODS FOR MAKING AND USE**
[54] **PROCEDES DE CREATION ET D'UTILISATION D'UN SYSTEME IMMUNITAIRE ARTIFICIEL**
[72] WARREN, WILLIAM L., US
[72] FAHLENKAMP, HEATHER, US
[72] HIGBEE, RUSSELL, US
[72] KACHURIN, ANATOLY, US
[72] LI, CONAN K. N., US
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[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[73] MOUNT SINAI SCHOOL OF MEDICINE, US
[73] THE SCRIPPS RESEARCH INSTITUTE, US
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[73] SANOFI PASTEUR VAXDESIGN CORP., US
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[72] BIFFIS, DINO R., CA
[72] BIFFIS, LOU G., CA
[72] BIFFIS, PETER R., CA
[72] LOMBARDI, ROCCO A., CA
[73] CABLE BRIDGE ENTERPRISES LIMITED, CA
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[54] **AGENTS DE CONTRASTE POUR L'IMAGERIE DE PERFUSION MYOCARDIQUE**
[72] RADEKE, HEIKE S., US
[72] CASEBIER, DAVID S., US
[72] AZURE, MICHAEL T., US
[72] DISCHINO, DOUGLAS D., US
[73] LANTHEUS MEDICAL IMAGING, INC., US
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[54] **TOILETTES DE SECOURS**
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[54] **SIV AND HIV VACCINATION USING RHCMV-AND HCMV-BASED VACCINE VECTORS**
[54] **VACCINATION DU VIRUS DE L'IMMUNODEFICIENCE SIMIENNE (SIV) ET DU VIRUS DE L'IMMUNODEFICIENCE HUMAINE (VIH) UTILISANT DES VECTEURS DE VACCIN A BASE DE RHCMV ET HCMV**
[72] PICKER, LOUIS J., US
[72] JARVIS, MICHAEL A., US
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[73] OREGON HEALTH AND SCIENCE UNIVERSITY, US
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[54] **TRAITEMENT DU CANCER RESISTANT AU PLATINE**
[72] KELSEY, STEPHEN M., US
[73] GENENTECH, INC., US
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[73] UNIFOR S.P.A., IT
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[73] TYCO ELECTRONICS CORPORATION, US
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[54] **ANTICORPS SPECIFIQUE D'UNE TUMEUR**
[72] GLOVER, NICHOLAS RONALD, CA
[72] MACDONALD, GLEN CHRISTOPHER, CA
[72] ENTWISTLE, JOYCELYN, CA
[72] CIZEAU, JEANNICK, CA
[72] BOSC, DENIS GEORGES, CA
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[73] VIVENTIA BIOTECH INC., CA
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[54] **PROCEDE SERVANT A PRODUIRE DU LAIT FERMENTE ET LAIT FERMENTE**
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[54] **PINCE DE SUPPORT DE VOLET VERTICAL POUR PAREMENTS D'OUVERTURES ARCHITECTURALES**
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[54] **METHODE D'EPURATION POUSSEE DE COURANTS DE COMPOSES DU TYPE BUT-1-ENE**
[72] SANTIAGO FERNANDEZ, SILVIA, DE
[72] RIX, ARMIN, DE
[72] PRAEFKE, JOCHEN, DE
[72] ROETTGER, DIRK, DE
[72] WINTERBERG, MARKUS, DE
[72] BUESCHKEN, WILFRIED, DE
[73] EVONIK OXENO GMBH, DE
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[54] **PROCESS FOR PREPARING 1-BUTENE FROM TECHNICAL MIXTURES OF C4 HYDROCARBONS**
[54] **METHODE DE PREPARATION DE BUT-1-ENE A PARTIR DE MELANGES TECHNIQUES D'HYDROCARBURES C4**
[72] RIX, ARMIN, DE
[72] PETERS, UDO, DE
[72] PRAEFKE, JOCHEN, DE
[72] ROETTGER, DIRK, DE
[72] NIERLICH, FRANZ, DE
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[54] **DENTAL COMPOSITIONS WITH SENSITIVITY RELIEF**
[54] **COMPOSITIONS DENTAIRES SOULAGEANT LA SENSIBILITE**
[72] MACDONALD, JEFF, US
[72] HAYMAN, ROBERT, US
[73] DISCUS DENTAL, LLC, US
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[54] **COPOLYMERS COMPRISING THREE SEGMENTS OF DIFFERENT ION DENSITY, PROCESSES FOR PREPARING THEM AND USE THEREOF**
[54] **COPOLYMERES COMPRENANT TROIS SEGMENTS DE CONCENTRATIONS IONIQUES DIFFERENTES, PROCEDES DE PREPARATION ET LEUR UTILISATION**
[72] GOBELT, BERND, DE
[72] OMEIS, JUERGEN, DE
[72] JOHANN, SABINE, DE
[73] BYK-CHEMIE GMBH, DE
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[54] **CONTACTS OHMIQUES NICKEL-SILICIURE RICHES EN SILICIUM POUR DISPOSITIFS SEMI-CONDUCTEURS AU CARBURE DE SILICIUM (SIC)**
[72] WARD, ALAN, III, US
[72] HENNING, JASON PATRICK, US
[72] HAGLEITNER, HELMUT, US
[72] WIEBER, KEITH DENNIS, US
[73] CREE, INC., US
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[54] **SYSTEME MODULAIRE DE CONDITIONNEMENT D'AIR DANS UN BUS**
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[72] REIMANN, ROBERT C., US
[72] CZECHOWICZ, BELIN, US
[73] CARRIER CORPORATION, US
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[54] **HARNAIS DE SECURITE**
[72] FREY, JOHN R., US
[72] ANDERSON, PRESTON L., US
[72] LANG, TRACY H., US
[73] SPERIAN FALL PROTECTION, INC., US
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[54] **ARTICLE TRANSFER AND PLACEMENT APPARATUS WITH ACTIVE PUCK**
[54] **APPAREIL DE TRANSFERT ET DE PLACEMENT D'ARTICLES AVEC DISQUE ACTIF**
[72] MCCABE, JOHN A., US
[73] CURT G. JOA, INC., US
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[54] **AUXILIARY WATER SUPPLY FOR A BUILDING**
[54] **INSTALLATION AUXILIAIRE D'ALIMENTATION EN EAU POUR BATIMENT**
[72] BOSSUYT, COREY, CA
[73] BOSSUYT, COREY, CA
[86] (2574075)
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[54] **PROCEDE DE CONVERSION DE L'ETHYLENE EN OXYDE D'ETHYLENE EN UTILISANT UNE TECHNOLOGIE DE PROCEDE PAR MICROCANAUX**
[72] MAZANEC, TERRY, US
[72] TONKOVICH, ANNA LEE, US
[72] SIMMONS, WAYNE W., US
[72] DALY, FRANCIS P., US
[72] LONG, RICHARD Q., US
[72] SILVA, LAURA J., US
[73] VELOCYS INC., US
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[54] **CONTROLE DE FORAGE DIRIGE**
[72] RUSSELL, MICHAEL KING, GB
[72] WALKER, COLIN, GB
[73] RUSSELL OIL EXPLORATION LIMITED, GB
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[25] EN
[54] **METHOD OF THREE-DIMENSIONALLY CULTURING CHONDROCYTES**
[54] **PROCEDE DE CULTURE EN TROIS DIMENSIONS DE CHONDROCYTES**
[72] OHSHIKA, SHUSA, JP
[72] TAKAGAKI, KEIICHI (DECEASED), JP
[72] TOH, SATOSHI, JP
[72] ISHIBASHI, YASUYUKI, JP
[73] OTSUKA PHARMACEUTICAL CO., LTD., JP
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[54] **SUBSTANCES MULTIPARTICULAIRES**
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[72] MARTINELLI, VINCENZO, GB
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[72] CHAM, FATIM, US
[72] VAN DER GROEN, GUIDO, BE
[73] PRINCE LEOPOLD INSTITUTE OF TROPICAL MEDICINE, BE
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[54] **APPAREIL DE CHAUFFAGE/REFROIDISSEMENT AUTONOME SUR TOIT AVEC DISPOSITIF DE DECOMPRESSION INDEPENDANT INTEGRE**
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[73] 2109617 ONTARIO INC., CA
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[54] **PORTE-CONTENANT A BOISSON ISOLANT**
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[72] YABUNO, SHIGEO, JP
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[54] **DISPOSITIFS D'ADMINISTRATION NASALE ACTIONNES PAR LA RESPIRATION**
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[72] HAFNER, RODERICK PETER, GB
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[54] **SYSTEMES D'ASSISTANCE D'INDICATEUR DE SERVICE DE BATTERIE DE SECOURS POUR ENTRETIEN SUR SITE**
[72] JONES, CARL EVAN, US
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[72] WALLS, ANDREW DALE, US
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[54] **UTILISATION DE L'ACIDE GLUTAMIQUE OU DE SELS DE CELLE-CI POUR LA PREVENTION OU L'AMELIORATION DU TROUBLE DIGESTIF FONCTIONNEL**
[72] UNEYAMA, HISAYUKI, JP
[72] TANAKA, TATSURO, JP
[72] TORII, KUNIO, JP
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[54] **PROCEDE DE LIAISON SANS PRIMAIRE**
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[72] RISTINE, RUSSELL, US
[72] MORROW, JAMES W., US
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[54] **PORTABLE GROUNDING MAT WITH IMPROVED TERMINAL**
[54] **TAPIS PORTATIF DE MISE A LA TERRE AVEC BORNE AMELIOREE**
[72] KROSSA, DEAN L., CA
[72] KROSSA, THEODORE D., CA
[73] KROSSA, DEAN L., CA
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[72] BROUGHER, WILLIAM C., US
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[54] **PROCEDE DE SIMULATION DE GRAIN D'EMULSION**
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[54] **ALIMENT A TENEUR EN CARBOHYDRATE DIGESTIBLE REDUITE PRESENTANT UNE REPONSE A LA GLYCEMIE REDUITE**
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[54] **PROCEDES PERMETTANT D'AMELIORER LA PRODUCTION DE PETROLE LOURD**
[72] CHUNG, BERNARD COMPTON, CA
[72] BOSE, MINTU, CA
[72] MORTON, STEWART ALLAN, CA
[72] ELKOW, KENNETH JAMES, CA
[72] ERLENDSON, ED, CA
[72] LAI, FRANCIS, CA
[72] MEEKS, DAVID PETER, CA
[72] OBERG, KENNETH MYRON, CA
[72] LEUNG, LOUIS CHIU-HUNG, CA
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[54] **DISPOSITIF D'INJECTION A RESSORT DE TORSION ET AFFICHAGE ROTATIF**
[72] MOLLER, CLAUS SCHMIDT, DK
[72] MARKUSSEN, TOM HEDE, DK
[72] ENGGAARD, CHRISTIAN PETER, DK
[73] NOVO NORDISK A/S, DK
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[54] **DISPOSITIF DE FERMETURE POUR CONTROLE DES CIRCUITS AVEC CAPACITE DE COURANT ELEVE, ET METHODE**
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[72] TUCKER, ALBERT B., JR., US
[72] LETTOW, CHRISTOPHER R., US
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[72] COLIN, MICHEL, FR
[72] ULLOA-SANZO, MARIA JULIA, FR
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[72] PLASS, WILFRIED, DE
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[54] **SYSTEME ET METHODE FACILITANT LA SELECTION ACCELEREE D'UN RESEAU DANS UN ENVIRONNEMENT DE RESEAU DE RADIOCOMMUNICATION**
[72] WILLEY, WILLIAM DANIEL, US
[72] BUCKLEY, ADRIAN, US
[73] BLACKBERRY LIMITED, CA
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[54] **NOVEL POLYSILOXANES HAVING QUATERNARY AMMONIUM GROUPS, A PROCESS FOR THE PREPARATION THEREOF AND THE USE THEREOF IN CLEANING AND CARE FORMULATIONS**
[54] **NOUVEAUX POLYSILOXANES AYANT DES GROUPES AMMONIUM QUATERNAIRE, UN PROCEDE POUR LA PREPARATION DE CEUX-CI ET LEUR UTILISATION DANS DES FORMULATIONS DE NETTOYAGE OU DE SOIN**
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[72] LEIDREITER, HOLGER, DE
[72] MUELLER, FELIX, DE
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[54] **PROCEDE DE COLMATAGE DE SURFACES**
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[72] BECKER-WEIMANN, KLAUS, DE
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[54] **DERIVES DE LA N-HYDROXYAMIDE ET LEURS UTILISATIONS**
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[72] DUNN-COLEMAN, NIGEL, US
[72] LANTZ, SUZANNE E., US
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[54] **UTILISATION D'INDOLES LIES AU DIINDOLYLMETHANE DANS LE TRAITEMENT ET LA PREVENTION D'ETATS ASSOCIES AU VIRUS RESPIRATOIRE SYNCYTIAL**
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[54] **METHODE D'EPURATION DES GAZ D'ECHAPPEMENT DE MOTEUR A COMBUSTION INTERNE**
[72] IKEDA, MASANORI, JP
[73] UMICORE SHOKUBAI USA INC., US
[73] UMICORE SHOKUBAI JAPAN CO., LTD., JP
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[54] **ADDITIFS POUR AMELIORER LES PROPRIETES D'ECOULEMENT A FROID DE FIOULS**
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[72] REIMANN, WERNER, DE
[72] KRULL, MATTHIAS, DE
[73] CLARIANT FINANCE (BVI) LIMITED, VG
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[54] **PROCEDE ET APPAREIL FOURNISSANT UNE BARRIERE FRONTALIERE ENTRE DES DOMAINES DE SECURITE**
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[72] SANCHEZ CIFUENTES, FELIPE, ES
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[72] MOY, THOMAS M., US
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[54] **MARTEAU FOND DE TROU, COMPOSANTS ASSOCIES ET SON PROCEDE D'ASSEMBLAGE**
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[54] **PROCEDE POUR LIMITER L'EMISSION DE FORMALDEHYDE DANS DES MATERIAUX DE CONSTRUCTION EN BOIS**
[72] RUEBA, EVA, DE
[72] SCHMIDT, MICHAEL, DE
[72] FINKENAUER, MICHAEL, DE
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[54] **MATERIAU TENSIOACTIF ET SON APPLICATION**
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[72] GOLDING, MATTHEW D., NL
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[54] **(1-AZA-BICYCLO[3.3.1]NON-4-YL)-[5-(1H-INDOL-5-YL)-HETEROARYL]-AMINES EN TANT QUE LIGANDS CHOLINERGIQUES DU N-ACHR DANS LE TRAITEMENT DE TROUBLES PSYCHOTIQUES ET NEURODEGENERATIFS**
[72] FREDERIKSEN, MATHIAS, CH
[72] FEUERBACH, DOMINIK, DE
[72] HURTH, KONSTANZE, FR
[72] KOLLER, MANUEL, CH
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[54] **CATALYSEUR SUPPORTE DE FORME IRREGULIERE, NON SPHERIQUE ET PROCEDE D'HYDROCONVERSION DE FRACTIONS PETROLIERES LOURDES**
[72] ROY-AUBERGER, MAGALIE, FR
[72] GUILLAUME, DENIS, FR
[72] KRESSMANN, STEPHANE, FR
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[73] NICHIHA CORPORATION, JP
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[73] QUALCOMM INCORPORATED, US
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[73] SEIKAGAKU CORPORATION, JP
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[54] **UTILISATION DE PROTEINES AUTO-ASSEMBLEES AMPHIPHILES DANS LA FORMULATION DE SUBSTANCES A EFFET PEU SOLUBLE DANS L'EAU**
[72] LIEBMANN, BURGHARD, DE
[72] FEHR, MARCUS, DE
[72] HUEMMERICH, DANIEL, DE
[72] MARTIN, INGRID, DE
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[72] PTOCK, ARNE, DE
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[54] **RETROECLAIRAGE A SEMICONDUCTEUR, A COULEURS EQUILIBREES ET A ECLAIRAGE GRANDE PORTEE**
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[72] CREMONA, DOMINIC R., US
[73] TREMCO INCORPORATED, US
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[54] **UTILISATION D'HEMOGLOBINE EXTRACELLULAIRE DE POIDS MOLECULAIRE ELEVE POUR FABRIQUER UN MEDICAMENT DESTINE A TRAITER ET/OU PREVENIR DES MALADIES PAR INHIBITION DU CALCIUM**
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[54] **SYSTEME VIBREUR ET PROCEDE DE FABRICATION DE COLONNES DE MATERIAU DANS LE SOL**
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[73] DEGEN, WILHELM, US
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[54] **PROCEDE DE FABRICATION DE DOUBLURE DE CONTENEUR RESISTANT A LA PRESSION ET DOUBLURE DE RESINE CRISTALLINE LIQUIDE**
[72] MATSUOKA, SEIICHI, JP
[72] NAKANE, TOSHIO, JP
[73] FUJI JUKOGYO KABISHIKI KAISHA, JP
[73] POLYPLASTICS CO., LTD., JP
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[54] **DOSAGE IMMUNOLOGIQUE POUR ANALYSER SIMULTANEMENT PAR IMMUNOCHIMIE UN ANALYTE (ANTIGENE) ET UN ANTICORPS THERAPEUTIQUE DIRIGE CONTRE CET ANALYTE DANS DES ECHANTILLONS (DOSAGE IMMUNOLOGIQUE FAISANT INTERVENIR LA RECUPERATION)**
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[54] **TRACKS FOR TRACK LAYING VEHICLES AND VEHICLES CARRYING SUCH TRACKS**
[54] **CHENILLES POUR VEHICULES A CHENILLES ET VEHICULES PORTANT DE TELLES CHENILLES**
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[73] COOK DEFENCE SYSTEMS LIMITED, AF
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[54] **DISPOSITIF DE POCHE D'ASPIRATION**
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[73] SERRES OY, FI
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[54] **NANOTUBES COMME DECOUPLEURS MITOCHONDRIAUX**
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[73] UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION, US
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[54] **APPAREIL ET METHODE DE CONTROLE DE DILUTION**
[72] JONES, TIMOTHY, US
[72] LANG, CHRISTOPHER F., US
[72] LEWIS, SUSAN K., US
[72] ROOSA, MICHAEL, US
[72] CRULL, JEFFREY, US
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[72] EILENBERG, MICHAEL, US
[73] CATHETER ROBOTICS, INC., US
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[54] **SYSTEME ET PROCEDE POUR AFFECTER ET REVOQUER A DISTANCE DES REFERENCES D'ACCES A L'AIDE D'UN TELEPHONE MOBILE EQUIPE D'UNE COMMUNICATION DE CHAMP PROCHE**
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[54] **APPAREILLAGE ET SYSTEME PROTHETIQUE ET PROCEDE PERMETTANT D'IMPLANTER UN APPAREILLAGE PROTHETIQUE**
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[54] **PROCEDES, SYSTEMES, ET SUPPORT LISIBLE PAR ORDINATEUR POUR AFFICHER UN CONTENU A HAUTE RESOLUTION RELATIF A L'EXPLORATION ET A LA PRODUCTION DE RESSOURCES GEOLOGIQUES DANS UN RESEAU INFORMATIQUE CLIENT LEGER**
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[54] **COMPOSITION COMPRENANT DES EXTRAITS DE RADIX GINSENG, DE FOLIUM GINKGO, DE STIGMA CROCI ET DE GLYCINE MAX ET UTILISATION DE LADITE COMPOSITION DANS LE TRAITEMENT DE MALADIES CEREBROVASCULAIRES**
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[54] **PROCEDE DE FABRICATION DE 1-(3,4-DICHLOROBENZYL)-5-OCTYLBIGUANIDE OU D'UN SEL DE CELUI-CI**
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[54] **PROCEDE ET APPAREIL AYANT UN CHIFFREMENT NUL POUR DES PAQUETS DE SIGNALISATION ET MULTIMEDIAS ENTRE UNE STATION MOBILE ET UNE PASSERELLE SECURISEE**
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[72] HATALA, EERO, FI
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[54] **UTILISATION D'OROTATE DE CARBOXYAMIDOTRIAZOLE (CAI) DANS LA DEGENERESCENCE MACULAIRE**
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[54] **PROCEDE ET APPAREIL POUR TRANSMETTRE UN CALIBRAGE DE PUISSANCE DANS UN SYSTEME SANS FIL MULTIPLEXE PAR REPARTITION DE FREQUENCE**
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[54] **APPAREIL AYANT TRAIT A UNE EBAUCHE MONOPIECE ET UN EMBALLAGE DOUBLE COQUE EN CARTON CORRESPONDANT**
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[54] **DISPOSITIF ET PROCEDE DE COLLECTE DES EAUX USEES ISSUES DU LAVAGE D'UN TURBOMOTEUR**
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[54] **APPAREIL ET PROCEDE DE CALCUL DE DONNEES D'EXTENSION DE BANDE PASSANTE UTILISANT UN DECOUPAGE EN TRAMES CONTROLANT LA BALANCE SPECTRALE**
[72] NEUENDORF, MAX, DE
[72] KRAEMER, ULRICH, DE
[72] NAGEL, FREDERIK, DE
[72] DISCH, SASCHA, DE
[72] WABNIK, STEFAN, DE
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[54] **SYSTEME DE COMMUNICATION, DISPOSITIF DE COMMUNICATION ET DISPOSITIF DE RELAIS POUR TRAIN**
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[54] **PROCEDE ET APPAREIL DE STIMULATION DE PUITS PAR GEL-DEGEL A L'AIDE DE TUBAGES REFRIGERANTS MUNIS D'ORIFICES**
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[54] **PROCEDES ET APPAREILS DIVERS POUR QU'UNE STATION CENTRALE ATTRIBUE DES ADRESSES IP VIRTUELLES**
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[54] **METHODS AND APPARATUSES FOR FORMING CUTTING ELEMENTS HAVING A CHAMFERED EDGE FOR EARTH-BORING TOOLS**
[54] **PROCEDES ET APPAREILS POUR FORMER DES ELEMENTS DE COUPE AYANT UN BORD CHANFREINE POUR DES OUTILS DE FORAGE**
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[54] **SPRAY SYSTEM, POWER AUGMENTATION SYSTEM FOR ENGINE CONTAINING SPRAY SYSTEM AND METHOD OF HUMIDIFYING AIR**
[54] **SYSTEME PULVERISATEUR, SYSTEME D'AUGMENTATION DE PUISSANCE POUR MOTEUR CONTENANT LE SYSTEME PULVERISATEUR, ET METHODE D'HUMIDIFICATION DE L'AIR**
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[54] **MODELISATION GEOLOGIQUE SANS GRILLE**
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[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **DISPOSITIF DE VERROUILLAGE AVEC CLE ASSOCIEE ET DETECTION D'EVE DE BLOCAGE**
[72] PIOTROWSKI, THEO, DE
[72] REINE, MICHAEL, DE
[73] C. ED. SCHULTE GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG ZYLINDERSCHLOSSFABRIK, DE
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[54] **PROCEDE ET APPAREIL DE MESURE DE LA DENSITE**
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[54] **ENSEMBLE ADAPTEUR POUR CONNECTEUR ELECTRIQUE**
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[54] **PROCEDE ET DISPOSITIF DE DETECTION ULTRASONORE DE DEFAUTS**
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[54] **SYSTEME DE POMPE A PALES/HELICES CENTRIFUGE**
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[72] MYRICK, BRAD D., US
[73] EQUIPEMENTS DE FERME JAMESWAY INC./JAMESWAY FARM EQUIPMENT INC., CA
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[54] **PYRIDINES/PYRIMIDINES AMINO SPIROCYCLIQUES ET DISUBSTITUEES PAR GEM EN TANT QU'INHIBITEURS DE CYCLE CELLULAIRE**
[72] CONNORS, RICHARD V., US
[72] DAI, KANG, US
[72] EKSTEROWICZ, JOHN, US
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[54] **RATELIER ET ENSEMBLE DE *PROTECTION CONTRE LE MAL* DE TETE A LARGEUR VARIABLE AVEC ECRANS INTERCHANGEABLES**
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[72] LAVERACK, JOHN, US
[72] WINNER, DOUGLAS B., US
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[54] **PROCEDES ET SYSTEMES D'ORIENTATION D'UN PUITS DE FORAGE**
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[72] SAURER, DAN P., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHODE POUR RETIRER DES SOLS LES CONTAMINANTS INORGANIQUES PAR UNE TECHNIQUE D'EXTRACTION PHYSICO-CHIMIQUE**
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[54] **PROCEDE DE GESTION DU FREINAGE DE PARC DANS UN SYSTEME DE FREINAGE DE VEHICULE EQUIPE DE FREINS ELECTRIQUES**
[72] RAGOT, FREDERIC, FR
[72] COLIN, EMMANUEL, FR
[72] MUDRY, STEPHANE, FR
[72] VANEY, JEAN-BAPTISTE, FR
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[54] **COMPOSITIONS UTILISEES POUR L'ENTRETIEN DE PUITS DE FORAGE, COMPRENANT UN COMPOSITE INHIBITEUR DE SEGREGATION DE DENSITE, ET PROCEDES DE PRODUCTION ET D'UTILISATION DESDITES COMPOSITIONS**
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[54] **APPAREIL ET PROCEDE PERMETTANT DE COORDONNER LA DISTRIBUTION AUTOMATIQUE DE PRODUIT EN VRAC ET DE CONDITIONNEMENT**
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[54] **METHODE DE MOULAGE DE MATERIAU PARTIELLEMENT SOLIDIFIE, ET MOULE**
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[73] AMERICAN PAD & PAPER LLC, US
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[54] **METHODE ET APPAREILLAGE DE TRANSMISSION DE DONNEES ACOUSTIQUES DANS UN PUITS DE FORAGE SOUTERRAIN**
[72] FINK, KEVIN D., US
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[54] **SYSTEME DE GAZEIFICATION D'UN MATERIAU ORGANIQUE AMELIORE PAR UN COURANT DE CHALEUR RAYONNANTE**
[72] RAMAMURTHI, JAYARAMAN, US
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[54] **PROCEDE DE TRAITEMENT DE MATIERES SOLIDES OU DE MATIERES LIQUIDES A L'ETAT FONDU**
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[54] **METHOD FOR PRODUCING ACTINIUM-225 AND ISOTOPES OF RADIUM AND TARGET FOR IMPLEMENTING SAME**
[54] **PROCEDE DE PRODUCTION D'ACTINIUM 225 ET D'ISOTOPES DE RADIUM, ET CIBLE POUR SA MISE EN OEUVRE**
[72] ZHUIKOV, BORIS LEONIDOVICH, RU
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[72] ALIEV, RAMIZ AVTANDILOVICH, RU
[72] ERMOLAEV, STANISLAV VIKTOROVICH, RU
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[72] KELLER, MATTHEW C., US
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[54] **METHOD AND SYSTEM TO START AND USE A COMBINATION FILLER WIRE FEED AND HIGH INTENSITY ENERGY SOURCE**
[54] **PROCEDE ET SYSTEME D'ENCLENCHEMENT ET D'UTILISATION D'UN SYSTEME COMBINE D'ALIMENTATION EN FILS FUSIBLES ET DE SOURCE D'ENERGIE DE HAUTE INTENSITE METHOD AND SYSTEM TO START AND USE A COMBINATION FILLER WIRE FEED AND HIGH INTENSITY ENERGY SOURCE**
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[54] **BOITIER DE DIODE ELECTROLUMINESCENTE AVEC DISSIPATEUR THERMIQUE**
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[72] XIANG, JUN, US
[73] RAB LIGHTING, INC., US
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[54] **MULTI-CHAMBER MATERIAL DISPENSING SYSTEM AND METHOD FOR MAKING SAME**
[54] **SYSTEME DE DISTRIBUTION DE MATIERE A CHAMBRES MULTIPLES ET SON PROCEDE DE FABRICATION**
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[72] O'BRIEN, LAWRENCE EDWARD, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **METHODS FOR ALTERING FOOD INTAKE, MODIFYING NUTRIENT DIGESTIBILITY AND ALTERING STOOL QUALITY AND/OR STOOL FREQUENCY**
[54] **PROCEDES POUR DIVERSIFIER L'ABSORPTION DE NOURRITURE, MODIFIER LA DIGESTIBILITE DES NUTRIMENTS ET CHANGER LA QUALITE ET/OU LA FREQUENCE DES SELLES**
[72] YAMKA, RYAN MICHAEL, US
[72] FRIESEN, KIM GENE, US
[72] KATS, LAUREN, US
[72] FORSTER, THOMAS GORDON, US
[73] HILL'S PET NUTRITION, INC., US
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[54] **2-3-DIHYDROXYPROPYL 12-(7-NIROBENZO[1,2,3]OXADIAZOL-4-YLAMINO)DODECANOATES AND A PROCESS FOR THE PREPARATION THEREOF**
[54] **DETERMINATION DE STRUCTURES COMPLEXES PHOSPHOLIPIDE/LIPIDE AU MOYEN D'ACYGLYCERIDES SYNTHETIQUES MARQUES AVEC UN ELEMENT FLUORESCENT**
[72] MUELLER, GUENTER, DE
[72] PETRY, STEFAN, DE
[72] JORDAN, HOLGER, DE
[72] KLEINE, HORST, DE
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[54] **SYSTEMES ET PROCEDES DE COMMANDE D'ECOULEMENT DE PUITS**
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[72] NITZL, GERALD, DE
[73] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
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[54] **MODULATEURS ALLOSTERIQUES POSITIFS DU RECEPTEUR M1 D'ARYLMETHYLBENZOQUINAZOLINONE**
[72] KUDUK, SCOTT D., US
[72] BESHORE, DOUGLAS C., US
[72] DI MARCO, CHRISTINA NG, US
[72] GRESHOCK, THOMAS J., US
[73] MERCK SHARP & DOHME CORP., US
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[54] **PROCEDE DE REGENERATION D'UNE RESINE ECHANGEUSE D'IONS A L'AIDE D'ACIDE SULFUREUX**
[72] CAMPBELL, MATTHEW, CA
[72] SARLIS, JOHN, CA
[72] GODHWANI, VIJAY BHAMBHANI, CA
[72] INFANTINO, MELINA, CA
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[54] **METHOD AND APPARATUS FOR THE FORCE-FITTING CONNECTION OF GLASS-LIKE COMPONENTS TO METALS**
[54] **PROCEDE ET DISPOSITIF POUR ASSEMBLER A FORCE DES COMPOSANTS VITREUX ET DES METAUX**
[72] FRIEDL, WOLFGANG, DE
[72] WENNINGER, EGBERT, DE
[72] LEITENMEIER, STEPHAN, DE
[72] BACHMEIR, FRANZ, DE
[73] GRENZEBACH MASCHINENBAU GMBH, DE
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[54] **BAG HANDLING ASSEMBLY FOR A GRAIN BAG UNLOADING APPARATUS**
[54] **ENSEMBLE DE MANUTENTION POUR APPAREIL DE DECHARGEMENT DES SACS A GRAINS**
[72] HILSABECK, DOUGLAS A., CA
[72] VERHOOG, PETER, CA
[73] RENN MILL CENTER INC., CA
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[54] **PROCEDE ET APPAREIL POUR FAIRE FONCTIONNER UN SYSTEME DE FREINAGE ELECTRIQUE D'AERONEF POUVANT ETRE EXPOSE A DES SITUATIONS CAUSANT DES PANNES D'ALIMENTATION**
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[73] THE BOEING COMPANY, US
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[54] **EMBALLAGE POUR STORES ET PROCEDE DE COUPE DE COUVRE-FENETRES**
[72] CLUETT, TIMOTHY D., US
[72] GEORGI, KRISTI JANE, US
[72] JOHNSON, BRIAN BELLAMY, US
[72] MCCAULEY, JAMES, US
[72] SCOTT, WILLIAM NORRIS, US
[72] VAN BUREN, MARTIN RICHARD, US
[72] WOOTEN, RUSSELL DUDLEY, US
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[54] **COMPOSITION ALIMENTAIRE CONTENANT UN ANTI-OXYDANT CONTRIBUANT A INHIBER LES VOIES DE LIBERATION DE L'HISTAMINE CHEZ LES ANIMAUX DE COMPAGNIE**
[72] BROCKMAN, JEFFREY A., US
[72] ZICKER, STEVEN C., US
[73] HILL'S PET NUTRITION, INC., US
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[54] **METHOD FOR SELECTING A CHANNEL IN A MULTI-CHANNEL COMMUNICATION SYSTEM**
[54] **PROCEDE DE SELECTION D'UN CANAL DANS UN SYSTEME DE COMMUNICATION MULTICANAL**
[72] WOODWARD, TIMOTHY G., US
[72] DROBKA, GERALD R., US
[72] EASTWOOD, JAMES E., US
[72] KUEHNER, NATHANAEL P., US
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[72] CZECH, BRIAN A., US
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[54] **BINDING ELEMENT FOR MANUFACTURING A BINDING FILE AND METHOD WHICH MAKES USE OF SUCH A BINDING ELEMENT FOR MANUFACTURING THE BINDING FILE**
[54] **ELEMENT DE RELIURE POUR LA FABRICATION D'UN CLASSEUR DE RELIURE ET PROCEDE QUI UTILISE UN TEL ELEMENT DE RELIURE POUR LA FABRICATION DU CLASSEUR DE RELIURE**
[72] PELEMAN, GUIDO, BE
[73] UNIBIND LIMITED, CY
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[54] **PROCEDE DE REDUCTION DES EMISSIONS DE DIOXYDE DE CARBONE**
[72] DRNEVICH, RAYMOND FRANCIS, US
[72] PAPAVASSILIOU, VASILIS, US
[72] SHAH, MINISH MAHENDRA, US
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[72] FEDUSA, ANTHONY, US
[72] DICK, ROBERT E., US
[73] ALCOA INC., US
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[72] GONZALEZ, ANA, ES
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[54] **APPAREIL D'ECLAIRAGE UTILISANT DES DIODES ELECTROLUMINESCENTES**
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[72] JEONG, SANG DONG, KR
[72] YOON, TAE GI, KR
[73] AMOLUXE CO., LTD., KR
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[54] **BENZIMIDAZOLE-4-CARBOXAMIDE DERIVATIVES, THEIR PREPARATION METHODS, PHARMACEUTICAL COMPOSITIONS AND THEIR USES**
[54] **DERIVES DE BENZIMIDAZOLE-4-CARBOXAMIDE, LEURS PROCEDES D'ELABORATION, COMPOSITIONS PHARMACEUTIQUES ET LEURS UTILISATIONS**
[72] LUO, XIANJIN, CN
[72] XUE, FEI, CN
[72] ZHANG, ZHONGLV, CN
[72] XIU, NAIYUN, CN
[73] ZHEJIANG MEDICINE CO., LTD. XINCHANG PARMACEUTICAL FACTORY, CN
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[54] **VETEMENT ET ARTICLE DE SPORT A USAGE MEDICAL**
[72] KANADA, TSUGUHIRO, JP
[72] ITO, RYOTA, JP
[72] ARAI, GEN, JP
[73] GOLDWIN INC., JP
[73] GOLDWIN TECHNICALCENTER INC., JP
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[54] **ELECTRODE-ACTIVE ANION-DEFICIENT LITHIUM TRANSITION-METAL PHOSPHATE, METHOD FOR PREPARING THE SAME, AND ELECTROCHEMICAL DEVICE USING THE SAME**
[54] **MATERIAU D'ELECTRODE ACTIVE POUR COMPOSE DE PHOSPHATE DE METAL DE TRANSITION-LITHIUM PAUVRE EN ANIONS, PROCEDE DE PREPARATION ET DISPOSITIF ELECTROCHIMIQUE UTILISANT LEDIT MATERIAU**
[72] SONG, KYU HO, KR
[72] HAN, SOO YEONG, KR
[72] NAM, HO SEONG, KR
[72] BANG, EUI YONG, KR
[72] OH, SE JIN, KR
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[54] **SYSTEMS, METHODS AND APPARATUS RELATING TO GENERATION, TRANSMISSION, ACCESS AND STORAGE OF VIRTUAL WHITE LINE (VWL) IMAGES AND DATA FOR EXCAVATION PROJECTS**
[54] **SYSTEMES, PROCEDES ET APPAREIL CONCERNANT LA GENERATION, LA TRANSMISSION, L'ACCES ET LE STOCKAGE D'IMAGES ET DE DONNEES DE LIGNE BLANCHE VIRTUELLE (VWL) POUR DES PROJETS DE FOUILLES**
[72] NIELSEN, STEVEN, US
[72] CHAMBERS, CURTIS, US
[72] FARR, JEFFREY, US
[73] CERTUSVIEW TECHNOLOGIES, LLC, US
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[54] **APPLICATEUR DE LENTILLES DE CONTACT ET CARTOUCHE ASSOCIEE**
[72] PY, DANIEL, US
[73] MEDICAL INSTILL TECHNOLOGIES, INC., US
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[54] **OUTIL DE COUPE AYANT UN MECANISME DE SERRAGE**
[72] HANOCH, GUY, IL
[73] ISCAR LTD., IL
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[54] **ADMINISTRATION D'AGENTS ACTIFS AU MOYEN D'UN EXCIPIENT AU CHOCOLAT**
[72] LANG, KEVIN, US
[73] DELAVAU L.L.C., US
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[54] **ENSEMBLE DE RESERVOIR**
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[73] ROUSSEAU, NORMAND, CA
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[54] **NOUVEAU DERIVE HYDROXAMATE, PROCEDE DE PRODUCTION ASSOCIE, ET COMPOSITION PHARMACEUTIQUE COMPRENANT LE DERIVE**
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[72] LEE, KYUNG JOO, KR
[72] LEE, CHANG SIK, KR
[72] YANG, HYUN MO, KR
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[54] **PROTEASE COAGULANT LE LAIT, DE TYPE AMELIORE, DERIVEE D'UN MICRO-ORGANISME**
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[72] KOBAYASHI, HIROYUKI, JP
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[54] **STRATIFIES ETIRABLES DE BANDE(S) NON TISSEE(S) ET DE FILM ELASTIQUE**
[72] TURNER, ROBERT HAINES, US
[72] ZGODA, DONALD, US
[72] DANIELS, WALTER DOUGLAS, US
[72] BADER, JIM THOMAS, US
[72] GALVIS, ERIKA FABIOLA, US
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[54] **PROCEDE DE PRODUCTION D'UN NETTOYANT-MOUSSE AVEC PARTICULES EN SUSPENSION ET D'UN DISTRIBUTEUR POUR CE NETTOYANT**
[72] MATTHEWS, SHAUN, GB
[72] BANKS, STEWART, PT
[72] STONEHOUSE, KARA CATHERINE, CA
[72] GRASCHA, PIERRE BRUNO, FR
[72] GRIMADELL, CYNTHIA LOUISE, GB
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[54] **MATERIAUX COMPOSITES ET LEURS APPLICATIONS**
[72] PETERS, JAMES CARL, US
[72] MORRIS, STEVEN JOHN, US
[72] PARKS, STEVEN JOEL, US
[72] PUCKETT, GARRY DURAN, US
[72] VOTRUBA-DRZAL, PETER LAWRENCE, US
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[72] SHETH, KAMLESH, US
[73] PPG INDUSTRIES OHIO, INC., US
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[54] **SYSTEME DE MISE EN PLACE ET DE RECUPERATION D'OUTIL POUR FOND DE PUITS**
[72] TEMPLETON, GARY WAYNE, US
[72] BROUSSARD, ANDRE N., US
[72] JOHNSON, MONTE IRA, US
[72] SCHNITKER, MARK WILLIAM, US
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[54] **DIVERSITE ADAPTATIVE DANS LE TEMPS ET DIVERSITE SPATIALE POUR UN SYSTEM DE MULTIPLEXAGE PAR REPARTITION EN FREQUENCE ORTHOGONAL (MRFO)**
[72] WU, SHIQUAN, CA
[72] TONG, WEN, CA
[72] STRAWCZYNSKI, LEO, CA
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[54] **MANUFACTURING METHOD OF FERROMOLYBDENUM FROM MOLYBDENITE**
[54] **METHODE DE PRODUCTION DE FERROMOLYBDENE A PARTIR DE MOLYBDENITE**
[72] CHOI, YOUNG YOON, KR
[72] KIM, SANG BAE, KR
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[72] IKEDA, TETSUNAO, JP
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[54] **PROCEDES ET SYSTEMES DE DEVIDOIR DE FIL HYBRIDE**
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[73] ILLINOIS TOOL WORKS INC., US
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[54] **APPAREIL GENERATEUR D'OZONE**
[72] MURATA, TAKAAKI, JP
[72] AMEMORI, KIYOYUKI, JP
[72] MAKISE, RYUTARO, JP
[72] NAKAJIMA, KANAKO, JP
[72] NODA, KAZUHIKO, JP
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[54] **ACTIONNEUR ELECTROMECANIQUE A DOUBLE EXCITATION**
[72] THIBAULT, JULIEN, FR
[72] NIERLICH, FLORENT, FR
[73] MESSIER-BUGATTI-DOWTY, FR
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[54] **CADRE DE FENETRE A DRAINAGE INVISIBLE**
[72] SIGMUND, JOHN L., US
[72] SAUNDERS, MELVIN, US
[72] BACZUK, ERIC A., US
[73] MILGARD MANUFACTURING INCORPORATED, US
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[54] **METHODE ET SYSTEME POUR RECUPERER DU DIOXYDE DE CARBONE**
[72] IIJIMA, MASAKI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[54] **COMPOSITION DE SOLVANT A BASE D'OXYDE DE SULFURE ORGANIQUE A ODEUR MASQUEE**
[72] SCHMITT, PAUL-GUILLAUME, FR
[72] MONGUILLON, BERNARD, FR
[72] VAUTHRIN, MELANIE, FR
[73] ARKEMA FRANCE, FR
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[54] **APPAREIL D'ACQUISITION ELECTROMAGNETIQUE MARIN AVEC ENSEMBLE BRAS DE CAPTEUR PLIANT**
[72] HELWIG, STEFAN L., US
[72] STRACK, KURT M., US
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[54] **UTILISATIONS MEDICALES D'UN MODULATEUR DE RECEPTEUR D'OESTROGENES SELECTIF EN ASSOCIATION AVEC DES PRECURSEURS DE STEROIDES SEXUELS**
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[54] **DEVICES, APPARATUS, METHODS AND PROCESSES FOR GENERATING HYDROGEN, OXYGEN AND ELECTRICITY FROM CHEMICAL COMPOUNDS WITHOUT PRODUCING UNDESIRABLE BY-PRODUCTS**
[54] **DISPOSITIFS, APPAREILS, METHODES ET PROCEDES DE PRODUCTION D'HYDROGENE, D'OXYGENE ET D'ELECTRICITE A PARTIR DE COMPOSES CHIMIQUES SANS PRODUIRE DE SOUS-PRODUITS INDESIRABLES**
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[73] DIAXIOM TECHNOLOGIES, INC., CA
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[54] **ACTIONNEUR HYDRAULIQUE AVEC PURGE AUTOMATIQUE EN FIN DE COURSE**
[72] JUBERT, XAVIER, FR
[72] DUFAY, LUDOVIC, FR
[72] ERNIS, SEBASTIEN, FR
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[54] **DISPOSITIF D'ECLAIRAGE ET DE CHARGEMENT PORTATIF AVEC COMMUTATEUR TACTILE**
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[73] GUANGDONG JETFAST PORTABLE LIGHTING CO., LTD., CN
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[54] **MESURE DE DEBIT UTILISANT DES MICRO-ONDES DE CHAMP PROCHE**
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[54] **COLLIER REFLECHISSANT AMELIORE POUR ECLAIRAGE PAR LAMPE A DECHARGE HAUTE INTENSITE**
[72] WOOD, GILBERT G., CA
[73] ECO-SHIFT POWER CORP., CA
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[72] BRAIER, ROBERT A., US
[72] STEPHENSON, JOHN, US
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[54] **SABLIERE DE PLANCHER MUNIE DE PRISES ELECTRIQUES**
[72] BYRNE, NORMAN R., US
[72] KNAPP, ROBERT L., US
[72] PATE, RANDELL E., US
[72] ANDERSON, CHRISTA R., US
[73] BYRNE, NORMAN R., US
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[54] **DERIVE DE 1-HETERODIENE ET AGENT DE LUTTE CONTRE LES ORGANISMES NUISIBLES**
[72] TAKAHASHI, JYUN, JP
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[72] MIYAZAWA, MASAHIRO, JP
[72] HAMAMOTO, ISAMI, JP
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[54] **CARTOUCHE DE COMBUSTIBLE A CONTENANT FLEXIBLE**
[72] ADAMS, PAUL H., US
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[72] FAIRBANKS, FLOYD, US
[73] SOCIETE BIC, FR
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[54] **POLYESTERS DE SACCHAROSE**
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[72] BACK, DEBORAH JEAN, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **RECIRCULATING LIQUID NITROGEN IMMERSION BATH AND METHOD FOR FREEZING A PRODUCT THEREIN**
[54] **BAIN D'IMMERSION D'AZOTE LIQUIDE A RECIRCULATION ET PROCEDE POUR CONGELER UN PRODUIT DANS LEDIT BAIN**
[72] BRAITHWAITE, DAVID C., US
[72] REDLARCZYK, CHRIS, US
[73] L'AIR LIQUIDE-SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[25] FR
[54] **MANAGEMENT PROCESS FOR THE WHEEL DIRECTION OF AN AIRCRAFT, ESPECIALLY IN CASE OF BURSTING OR DEFLATION OF TIRES**
[54] **PROCEDE DE GESTION DE L'ORIENTATION DE ROUES D'AERONEF, NOTAMMENT EN CAS D'ECLATEMENT OU DEGONFLEMENT DE PNEUMATIQUES**
[72] BENMOUSSA, MICHAEL, FR
[72] FRAVAL, JEROME, FR
[73] MESSIER-BUGATTI-DOWTY, FR
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[54] **PACKAGING CONTAINER, BLANK AND METHOD OF FORMING A PACKAGING CONTAINER**
[54] **CONTENANT D'EMBALLAGE, EBAUCHE ET PROCEDE DE FORMATION D'UN CONTENANT D'EMBALLAGE**
[72] POITEVIN, PATRICK JULES JOSEPH, GB
[73] CADBURY UK LIMITED, GB
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[25] EN
[54] **NANOCOMPOSITE BIOMATERIALS OF NANOCRYSTALLINE CELLULOSE (NCC) AND POLYLACTIC ACID (PLA)**
[54] **BIOMATERIAUX NANOCOMPOSITES COMPOSES DE CELLULOSE NANOCRISTALLINE (NCC) ET D'ACIDE POLYLACTIQUE (PLA)**
[72] HAMAD, WADOOD Y., CA
[72] MIAO, CHUANWEI, CA
[73] FPINNOVATIONS, CA
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[54] **FASTENER-LESS TRACK ASSEMBLY FOR SUPPORTING WALL STUDS**
[54] **ENSEMBLE RAILS SANS PIECE DE FIXATION POUR SUPPORTER DES POTEAUX DE CLOISON**
[72] FERGUSON, HARRY B., CA
[72] ROSHINSKY, MERVIN S., CA
[73] HARMER VENTURES LTD., CA
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[54] **VEHICLE HAVING AN ANTI-DIVE/LOCKOUT MECHANISM**
[54] **VEHICULE A MECANISME ANTI-INCLINAISON/VERROUILLAGE**
[72] GOERTZEN, GERALD, US
[72] NULL, WILLIAM A., JR., US
[73] INVACARE CORPORATION, US
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[54] **MULTI-PART DISPLAY BIN**
[54] **PRESENTOIR A PLUSIEURS COMPARTIMENTS**
[72] DOUGHERTY, KRISTIN A., US
[72] HAWKINS, LAURA L., US
[72] MIEHE, LESLIE E., US
[73] TARGET BRANDS, INC., US
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[54] **FEUILLE DECORATIVE A EFFET METALLIQUE, PROCEDE POUR SA PRODUCTION ET OBJET MOULE EN RESINE**
[72] FUJIWARA, TAKAMICHI, JP
[73] WAVELOCK ADVANCED TECHNOLOGY CO., LTD., JP
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[54] **FABRIC SOFTENER ACTIVE COMPOSITION**
[54] **COMPOSITION ACTIVE D'ASSOUPLISSANT POUR TEXTILE**
[72] KOEHLE, HANS-JUERGEN, DE
[72] SCHOEPPNER, MATTHIAS, DE
[72] EULER, AXEL, DE
[72] JAKOB, HARALD, DE
[72] MELEDATHU, SAJI JOHN, US
[72] KURTH, TODD L., US
[72] YOUNG, DELBERT G., US
[72] HAMANN, INGO, US
[72] SCHICK, GEORG, DE
[73] EVONIK DEGUSSA GMBH, DE
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[54] **MULTIPLE ACCESS DOOR LOCK MECHANISM WITH REVERSIBLE CAM ACTUATION**
[54] **MECANISME DE VERROU DE PORTE A ACCES MULTIPLES AVEC ACTIONNEMENT DE CAME REVERSIBLE**
[72] UYEDA, ALAN K., US
[73] ADAMS RITE MANUFACTURING CO., US
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[54] **JET MOTOR AND METHOD FOR PROVIDING ROTATION IN A DOWNHOLE TOOL**
[54] **MOTEUR A REACTION ET PROCEDE ASSURANT LA ROTATION D'UN OUTIL DE FOND DE TROU**
[72] SWINFORD, JERRY, US
[73] COIL TUBING TECHNOLOGY, INC., US
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[54] **SYSTEMS AND METHODS FOR ISOLATING CURRENT FLOW TO WELL LOADS**
[54] **SYSTEMES ET PROCEDES POUR ISOLER LE PASSAGE DU COURANT VERS DES CHARGES DE FORAGE**
[72] SHAW, JOEL D., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHOD FOR FORMING A RETAINING WALL, AND CORRESPONDING RETAINING WALL**
[54] **METHODE DE FORMATION D'UN MUR DE SOUTENEMENT ET MUR DE SOUTENEMENT CORRESPONDANT**
[72] GARZON, MAURICE, CA
[72] GARZON, LAVIH, CA
[73] GARZON, MAURICE, CA
[73] GARZON, LAVIH, CA
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[87] (2806224)
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[54] **PORTABLE MEDICINE INJECTION DEVICE AND METERING SYSTEM**
[54] **DISPOSITIF D'INJECTION DE MEDICAMENT PORTATIF ET SYSTEME DE DOSAGE**
[72] SHAANAN, GAD, US
[72] GOLDMAN, MARC, US
[73] GADLIGHT, INC, US
[86] (2808738)
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[25] EN
[54] **COVERING PANEL AND METHOD FOR ASSEMBLING A PLURALITY OF SAME**
[54] **PANNEAU DE REVETEMENT ET METHODE D'ASSEMBLAGE D'UNE PLURALITE DE CES PANNEAUX**
[72] ROY, NORMAN, CA
[72] FORTIN, BENOIT, CA
[72] OVANDO, LAUTARO XAVIER, CA
[73] DISTRIBUTION DUROY INC., CA
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[87] (2809984)
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[25] EN
[54] **CARBONIC ANHYDRASE SYSTEM AND PROCESS FOR TREATING A CO2-CONTAINING GAS**
[54] **SYSTEME D'ANHYDRASES CARBONIQUES ET PROCEDE POUR TRAITER UN GAZ CONTENANT DU CO2**
[72] PARENT, CARMEN, CA
[72] DUTIL, FREDERIC, CA
[73] CO2 SOLUTIONS INC., CA
[86] (2813640)
[87] (2813640)
[22] 2002-07-11
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[25] EN
[54] **METHOD OF IMAGING IN CRYSTALLINE COLLOIDAL ARRAYS**
[54] **PROCEDE D'IMAGERIE DANS DES RESEAUX COLLOIDES CRISTALLINS**
[72] PURDY, SEAN, US
[72] WILLIAMSON, JESSICA M., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2013-04-29
[86] 2011-10-27 (PCT/US2011/058164)
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[25] EN
[54] **CONTROLLING FLOW OF STEAM INTO AND/OR OUT OF A WELLBORE**
[54] **REGULATION DU DEBIT DE VAPEUR ENTRANT ET/OU SORTANT D'UN PUITS**
[72] SCHULTZ, ROGER L., US
[72] CAVENDER, TRAVIS W., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-06-11
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[25] EN
[54] **CONSTRAINED DIGITAL TEXT READER**
[54] **LECTEUR DE TEXTE NUMERIQUE SOUS CONTRAINTE**
[72] TSANG, VIVIAN, CA
[72] JACOB, DAVID, CA
[72] SHEIN, FRASER, CA
[73] QUILLSOFT LTD., CA
[85] 2013-07-25
[86] 2013-03-04 (PCT/CA2013/000189)
[87] (2821692)

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[25] EN
[54] **CARBONIC ANHYDRASE SYSTEM AND PROCESS FOR TREATING A CO2-CONTAINING GAS**
[54] **SYSTEME D'ANHYDRASES CARBONIQUES ET PROCEDE POUR TRAITER UN GAZ CONTENANT DU CO2**
[72] PARENT, CARMEN, CA
[72] DUTIL, FREDERIC, CA
[73] CO2 SOLUTIONS INC., CA
[86] (2827024)
[87] (2827024)
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[54] **SYSTEM AND METHOD FOR ENHANCING COMPREHENSION AND READABILITY OF TEXT**
[54] **SYSTEME ET PROCEDE PERMETTANT DE RENDRE UN TEXTE PLUS FACILE A COMPRENDRE ET A LIRE**
[72] TSANG, VIVIAN, CA
[72] JACOB, DAVID, CA
[72] SHEIN, FRASER, CA
[73] QUILLSOFT LTD., CA
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March 2, 2014 to March 8, 2014

Demandes canadiennes mises à la disponibilité du public

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[54] **MACHINE ELECTRIQUE MODULAIRE**
[72] MUELLER, MARKUS ANTON, GB
[72] MCDONALD, ALASDAIR STEWART, GB
[71] NGENTEC LIMITED, GB
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[25] EN
[54] **A VALVE WITH AT LEAST TWO ACTIVE POSITIONS**
[54] **UNE SOUPAPE DOTEE D'AU MOINS DEUX POSITIONS ACTIVES**
[72] HONG, YING CHI DAVID, HK
[71] ACTIVE TOOLS INTERNATIONAL (HK) LTD., HK
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[54] **ORGANISATEUR CATCHALL**
[72] LAM, RICHARD, CA
[72] LAM, BRIDGET, CA
[71] LAM, RICHARD, CA
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[51] **Int.Cl. A45D 26/00 (2006.01)**
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[54] **HEATING AND DISPENSING APPARATUS**
[54] **APPAREIL DE CHAUFFAGE ET DISTRIBUTION**
[72] STANOJLOVIC, MILETA, CA
[72] STANOJLOVIC, DRAGICA, CA
[71] STANOJLOVIC, MILETA, CA
[71] STANOJLOVIC, DRAGICA, CA
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[54] **ENDODONTIC TOOL AND METHOD**
[54] **OUTIL ENDODONTIQUE ET METHODE**
[72] YARED, GHASSAN, CA
[71] YARED, GHASSAN, CA
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[54] **PRE-ASSEMBLED ADJUSTABLE POCKET DOOR FRAME**
[54] **CADRE DE PORTE COULISSANTE ENCLOISONNEE REGLABLE PREASSEMBLE**
[72] BRUBACHER, ELAM, CA
[72] STRUB, ROB WILLIAM, CA
[71] MOULURE ALEXANDRIA MOULDING INC., CA
[71] BRUBACHER, ELAM, CA
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[25] EN
[54] **OPTICAL SYSTEM FOR LEDS FOR CONTROLLING LIGHT UTILIZING REFLECTORS**
[54] **SYSTEME OPTIQUE POUR DEL SERVANT A CONTROLER LES REFLECTEURS UTILISANT LA LUMIERE**
[72] GARCIA, JOSEPH, US
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
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[54] **CHARIOT DE CAPTURE DE VEAU**
[72] OLFERT, KENNETH H., CA
[72] DANIELS, JOHANNES, P.K., CA
[71] OLFERT, KENNETH H., CA
[71] DANIELS, JOHANNES, P.K., CA
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[51] **Int.Cl. H01R 13/639 (2006.01)**
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[54] **CONNECTING UNIT WITH LATCH MECHANISM**
[54] **MODULE DE CONNEXION DOTE D'UN MECANISME DE VERROU**
[72] ROUSSEL, MATHIEU, CA
[72] DUDEMAINE, ERIC, CA
[72] LAVOIE, RENAUD, CA
[71] EMBRIONIX DESIGN INC., CA
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[51] **Int.Cl. F24F 3/16 (2006.01) A61L 9/12 (2006.01)**
[25] EN
[54] **METHOD OF DISINFECTING A BUILDING AIR SUPPLY AND AIR SCRUBBER SYSTEM THEREFOR**
[54] **METHODE DE DESINFECTION DE L'APPROVISIONNEMENT EN AIR D'UN IMMEUBLE ET FILTRE A AIR**
[72] SCHORNECK, HARTMUT FELIX, JR., CA
[71] SCHORNECK, HARTMUT FELIX, JR., CA
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[54] **AMBNET: SELF-ORGANIZED ZERO-CONFIG RESILIENT WIRELESS NETWORKING AND STREAMING**
[54] **AMBNET: RESEAUTAGE ET TRANSMISSION EN FLUX SANS FIL RESILIENTS AUTO-ORGANISES ET NE NECESSITANT AUCUNE CONFIGURATION**
[72] ROY, SEBASTIEN J.A., CA
[72] LEROUX, PHILIPPE L., CA
[71] ROY, SEBASTIEN J.A., CA
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[54] **COLD THERAPY FULL LEG WRAP**
[54] **ENVELOPPE DE THERAPIE PAR LE FROID POUR LA JAMBE**
[72] MCLEOD, STEVEN R., CA
[71] MCLEOD, STEVEN R., CA
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[54] **THE STAHL CLEVIS**
[54] **LA MANILLE DE STAHL**
[72] MANDELIN, MARY R., CA
[71] MANDELIN, MARY R., CA
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[51] **Int.Cl. G01R 31/316 (2006.01) F25B 49/02 (2006.01) G01R 31/06 (2006.01) G01R 31/327 (2006.01)**
[25] FR
[54] **SYSTEMS ENABLING ACQUISITION AND PROCESSING OF DATA FROM PHYSICAL MEASUREMENTS, FABRICATION PROCESS FOR DEVICES AND USE OF THESE SYSTEMS FOR TESTING THE PERFORMANCE OFA PIECE OF EQUIPMENT**
[54] **SYSTEMES PERMETTANT L'ACQUISITION ET LE TRAITEMENT DE DONNEES ISSUES DE MESURES PHYSIQUES, PROCEDE DE FABRICATION DES DISPOSITIFS ET UTILISATIONS DES SYSTEMES POUR TESTER LES PERFORMANCES D'UN APPAREILLAGE**
[72] BRIKCI, FOUAD, CA
[71] BRIKCI, FOUAD, CA
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[54] **APPARATUS AND METHOD FOR GUIDING FILM**
[54] **APPAREIL ET METHODE DE GUIDAGE DE FILM**
[72] AZZARELLO, SCOTT M., US
[72] EBERWEIN, ROGER J., US
[72] MCGLINCHY, TIMOTHY B., US
[72] WEBER, CLIFFORD J., US
[71] GED INTEGRATED SOLUTIONS, INC., US
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[72] GALAVIS, ARELIS J., CA
[71] GALAVIS, ARELIS J., CA
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[51] **Int.Cl. E04H 1/12 (2006.01) A47K 11/02 (2006.01)**
[25] EN
[54] **INSULATING PORTABLE TOILET COVERS WITH LIGHT TRANSMITTING PORTIONS, HEAT REFLECTIVE FEATURES, AND BUILT-IN SECURING AND CINCHING MECHANISMS**
[54] **TOITS POUR TOILETTES PORTABLES DOTES D'OUVERTURES POUR LA LUMIERE, DE CARACTERISTIQUES DE REFLEXION DE LA CHALEUR ET DE MECANISMES INTEGRES DE FIXATION ET DE SERRAGE**
[72] DONAGHY, MICHAEL, CA
[72] THIESSEN, CALVIN, CA
[71] FIRETAK MANUFACTURING LTD., CA
[22] 2012-09-06
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[51] **Int.Cl. A61M 16/00 (2006.01) A61M 16/08 (2006.01)**
[25] EN
[54] **ADJUSTABLE LARYNGEAL AIRWAY (ALA) DEVICE**
[54] **DISPOSITIF LARYNGE REGLABLE POUR VOIES AERIENNES**
[72] OSTA, WALID A., US
[71] ALA DEVICE, LLC, US
[22] 2012-09-04
[41] 2014-03-04

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[25] EN
[54] **BICYCLE DRIVE SYSTEM**
[54] **SYSTEME D'ENTRAINEMENT POUR BICYCLETTE**
[72] BURSTON, SCOTT, CA
[71] BURSTON, SCOTT, CA
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[25] EN
[54] **WIENER STRINGZ 2 IN 1 CUTTER ROASTER**
[54] **DISPOSITIF DE GRILLAGE ET DE COUPE 2 EN 1 WIENER STRINGZ**
[72] RUNSTEDLER, LISA L., CA
[71] RUNSTEDLER, LISA L., CA
[22] 2012-09-04
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[51] **Int.Cl. A61B 19/00 (2006.01) A47C 16/02 (2006.01)**
[25] EN
[54] **PORTABLE SURGICAL MULTI-CURVE-BAR FOOTREST DEVICE FOR THE ERGONOMICS OF THE HEALTHCARE PROFESSIONALS CONDUCTING LONG-DURATION SURGERIES**
[54] **DISPOSITIF CHIRURGICAL PORTATIF AVEC REPOSE-PIED A BARRE A COURBURES MULTIPLES ASSURANT L'ERGONOMIE DES PROFESSIONNELS DE LA SANTE PRATIQUANT DES CHIRURGIES DE LONGUE DUREE**
[72] VILLARREAL CADENA, ALEJANDRO JUAN, CA
[71] VILLARREAL CADENA, ALEJANDRO JUAN, CA
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[54] **SYSTEMS AND METHODS FOR DEMAND RESPONSE PAYMENT OPTIONS**
[54] **SYSTEMES ET METHODES D'OPTIONS DE PAIEMENT FONDEES SUR LA DEMANDE**
[72] GODDARD, MATT, CA
[72] NUHAMOVICI, MORU, CA
[72] GAVIN, DAVID, CA
[71] TRAPEZE SOFTWARE INC., CA
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[54] **SKIDDER WITH SPRING-LOADED FASTENERS**
[54] **DEBUSQUEUSE AVEC ATTACHES A RESSORTS**
[72] GIGNAC, GUY, CA
[71] GIGNAC, GUY, CA
[22] 2012-09-07
[41] 2014-03-07

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[51] **Int.Cl. A61B 17/00 (2006.01)**
[25] FR
[54] **EXTRACTION OF PIMPLES BY SUCTION**
[54] **EXTRACTEUR PAR SUCCION DE COMEDONS**
[72] LACHANCE, FERNAND, CA
[71] LACHANCE, FERNAND, CA
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[54] **TIMER BUZZER**
[54] **SIGNAL SONORE DE MINUTERIE**
[72] GAGNE, GASTON G.G., CA
[71] GAGNE, GASTON G.G., CA
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[54] **VARIABLE-LENGTH ADJUSTABLE SPACER**
[54] **ESPACEUR REGLABLE A LONGUEUR VARIABLE**
[72] BUDDE, HORST, CA
[71] BUDDE, HORST, CA
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[54] **HITCH LOCK**
[54] **VERROU D'ANCRAGE**
[72] OLSON, BRIAN R., CA
[72] WACH, LLOYD, CA
[71] POWER PIN INC., CA
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[54] **HYDRAULIC PLUNGER DEVICE**
[54] **DISPOSITIF DE VENTOUSE HYDRAULIQUE**
[72] SCHEUERMAN, MICHAEL, CA
[71] SCHEUERMAN, MICHAEL, CA
[22] 2012-12-12
[41] 2014-03-07
[30] US (13/607,075) 2012-09-07

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[51] **Int.Cl. E04C 5/16 (2006.01)**
[25] EN
[54] **JOINT METHOD FOR REINFORCING BAR**
[54] **METHODE D'ASSEMBLAGE POUR BARRE DE RENFORT**
[72] HONGO, KOUJU, JP
[72] ASE, MASAAKI, JP
[72] NAGAISHI, JUTARO, JP
[72] HAMADA, HIRONORI, JP
[71] SPLICE SLEEVE JAPAN, LTD., JP
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[25] EN
[54] **PORTABLE STORAGE APPARATUS**
[54] **APPAREIL DE STOCKAGE PORTATIF**
[72] KAGRAMANYAN, NORIK, US
[71] KAGRAMANYAN, NORIK, US
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[41] 2014-03-04
[30] US (61/696,741) 2012-09-04
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[25] EN
[54] **FLUID CONTAINMENT APPARATUS**
[54] **APPAREIL DE RETENTION DE FLUIDE**
[72] BEAK, TODD, US
[72] JOHNSON, KURT, US
[72] DOOLIN, DAVID, US
[72] GUFFEE, RUSSELL J., US
[71] BASIC CONCEPTS, INC., US
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[54] **METHOD AND DEVICE FOR CHARACTERIZING ASPIRATION RISK FROM POST-SWALLOW PHARYNGEAL RESIDUE IMAGING**
[54] **METHODE ET DISPOSITIF DE CARACTERISATION DE RISQUE D'ASPIRATION APRES UN EXAMEN D'IMAGERIE DE RESIDUS PHARYNGES POST-DEGLUTION**
[72] MOLFENTER, SONJA M., CA
[72] PEARSON, WILLIAM G., US
[72] STEELE, CATRIONA M., CA
[71] UNIVERSITY HEALTH NETWORK, CA
[22] 2013-03-14
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[54] **METHOD, SYSTEM AND APPARATUS FOR THE DETECTION, CHARACTERIZATION AND CLASSIFICATION OF PARTICLES**
[54] **PROCEDE, SYSTEME ET APPAREIL POUR LA DETECTION, LA CARACTERISATION ET LA CLASSIFICATION DES PARTICULES**
[72] STROHM, ERIC, CA
[72] KOLIOS, MICHAEL, CA
[71] STROHM, ERIC, CA
[71] KOLIOS, MICHAEL, CA
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[54] **TOOL FOR USE IN WELL MONITORING**
[54] **OUTIL SERVANT A LA SURVEILLANCE D'UN PUITS**
[72] HILL, DAVID R., US
[71] HYTECH ENERGY, LLC, US
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[41] 2014-03-05
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[54] **PAINT ROLLER**
[54] **ROULEAU A PEINTURE**
[72] DENISSOV, EVGUENI, CA
[71] DENISSOV, EVGUENI, CA
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[51] **Int.Cl. A01C 23/00 (2006.01) B65D 88/12 (2006.01)**
[25] EN
[54] **STORAGE TANK FRAME ASSEMBLY FOR AN AGRICULTURAL IMPLEMENT**
[54] **CADRE DE RESERVOIR DE STOCKAGE POUR UN INSTRUMENT ARATOIRE**
[72] BLUNIER, TIMOTHY R., US
[72] HAYNES, JESSICA, US
[72] MCMAHON, BRIAN, US
[71] CNH AMERICA LLC, US
[22] 2013-04-04
[41] 2014-03-06
[30] US (13/604,692) 2012-09-06

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[13] A1
[51] **Int.Cl. A01C 23/00 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM MOUNTING ARRANGEMENT FOR AN AGRICULTURAL IMPLEMENT**
[54] **DISPOSITIF D'INSTALLATION DE SYSTEME DE COMMANDE POUR UN INSTRUMENT ARATOIRE**
[72] BLUNIER, TIMOTHY R., US
[72] MCMAHON, BRIAN, US
[72] MURDOCK, JAROD, US
[71] CNH AMERICA LLC, US
[22] 2013-04-04
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[51] **Int.Cl. A01C 23/00 (2006.01)**
[25] EN
[54] **STORAGE TANK MOUNTING ARRANGEMENT FOR AN AGRICULTURAL IMPLEMENT**
[54] **DISPOSITIF D'INSTALLATION DE RESERVOIR DE STOCKAGE POUR UN INSTRUMENT ARATOIRE**
[72] BLUNIER, TIMOTHY R., US
[72] MCMAHON, BRIAN, US
[71] CNH AMERICA LLC, US
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[51] **Int.Cl. A01C 15/00 (2006.01)**
[25] EN
[54] **WING FOLDING ARRANGEMENT FOR AN AGRICULTURAL IMPLEMENT**
[54] **DISPOSITIF D'AILE PLIANTE POUR UN INSTRUMENT ARATOIRE**
[72] BLUNIER, TIMOTHY R., US
[72] SUDBRINK, MATTHEW R., US
[72] HAYNES, JESSICA, US
[71] CNH AMERICA LLC, US
[22] 2013-04-03
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[51] **Int.Cl. A01C 15/00 (2006.01)**
[25] EN
[54] **DOWN PRESSURE CONTROL SYSTEM FOR AN AGRICULTURAL IMPLEMENT**
[54] **DISPOSITIF DE COMMANDE DE PRESSION VERS LE BAS POUR UN INSTRUMENT ARATOIRE**
[72] BLUNIER, TIMOTHY R., US
[72] HAYNES, JESSICA, US
[71] CNH AMERICA LLC, US
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[41] 2014-03-06
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[51] **Int.Cl. A01C 15/16 (2006.01)**
[25] EN
[54] **TOOL BAR EXTENSION FOR AN AGRICULTURAL IMPLEMENT**
[54] **EXTENSION DE BARRE D'OUTILS POUR UN INSTRUMENT ARATOIRE**
[72] BLUNIER, TIMOTHY R., US
[72] HAYNES, JESSICA, US
[71] CNH AMERICA LLC, US
[22] 2013-04-08
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[25] EN
[54] **SUSPENDED CEILING GRID ADAPTER**
[54] **ADAPTATEUR DE RESEAU DE PLAFOND SUSPENDU**
[72] SAREYKA, BRETT W., US
[72] NEAL, JOSHUA L., US
[71] WORTHINGTON ARMSTRONG VENTURE, US
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[41] 2014-03-08
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[51] **Int.Cl. A01C 23/00 (2006.01)**
[25] EN
[54] **STORAGE TANK SUMP ARRANGEMENT FOR AN AGRICULTURAL IMPLEMENT**
[54] **ENSEMBLE DE PUISARD DE RESERVOIR DE STOCKAGE POUR UN INSTRUMENT ARATOIRE**
[72] BLUNIER, TIMOTHY R., US
[71] CNH AMERICA LLC, US
[22] 2013-04-15
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[51] **Int.Cl. A01B 73/02 (2006.01) A01C 23/00 (2006.01)**
[25] EN
[54] **WING LIFTING SYSTEM FOR AN AGRICULTURAL IMPLEMENT**
[54] **MECANISME DE SOULEVEMENT D'AILE POUR UN INSTRUMENT ARATOIRE**
[72] BLUNIER, TIMOTHY R., US
[71] CNH AMERICA LLC, US
[22] 2013-04-16
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[51] **Int.Cl. A01C 23/00 (2006.01)**
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[54] **FLUID DELIVERY SYSTEM FOR AN AGRICULTURAL IMPLEMENT**
[54] **DISPOSITIF DE DISTRIBUTION DE FLUIDE POUR UN INSTRUMENT ARATOIRE**
[72] BLUNIER, TIMOTHY R., US
[72] MURDOCK, JAROD, US
[71] CNH AMERICA LLC, US
[22] 2013-04-16
[41] 2014-03-06
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[51] **Int.Cl. A01C 15/00 (2006.01)**
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[54] **TOOL BAR MOUNTING ASSEMBLY FOR AN AGRICULTURAL IMPLEMENT**
[54] **DISPOSITIF D'INSTALLATION D'UNE BARRE D'OUTILS POUR UN INSTRUMENT ARATOIRE**
[72] BLUNIER, TIMOTHY R., US
[72] MCMAHON, BRIAN, US
[71] CNH AMERICA LLC, US
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[51] **Int.Cl. A01C 15/00 (2006.01)**
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[54] **TOWED IMPLEMENT STRESS RELIEVED JOINTS**
[54] **JOINTS DE DETENTE POUR INSTRUMENT REMORQUE**
[72] BLUNIER, TIMOTHY R., US
[72] SUDBRINK, MATTHEW R., US
[72] FAUST, SCOTT ROBERT, US
[71] CNH AMERICA LLC, US
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[51] **Int.Cl. A01B 59/04 (2006.01)**
[25] EN
[54] **PULL FRAME FOR AN AGRICULTURAL IMPLEMENT**
[54] **CADRE DE TRACTION POUR UN INSTRUMENT ARATOIRE**
[72] BLUNIER, TIMOTHY R., US
[72] MCMAHON, BRIAN, US
[72] SUDBRINK, MATTHEW R., US
[71] CNH AMERICA LLC, US
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[51] **Int.Cl. A01C 15/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING WING TOOL BARS OF AN AGRICULTURAL IMPLEMENT**
[54] **SYSTEME ET METHODE DE COMMANDE DE BARRES D'OUTIL D'AILE D'UN INSTRUMENT ARATOIRE**
[72] BLUNIER, TIMOTHY R., US
[72] OLSON, TIMOTHY A., US
[71] CNH AMERICA LLC, US
[22] 2013-04-09
[41] 2014-03-06
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[51] **Int.Cl. H04W 72/04 (2009.01) H04W 24/00 (2009.01)**
[25] EN
[54] **SERVERS AND METHODS FOR OPERATING A COMMUNICATION SYSTEM**
[54] **SERVEURS ET METHODES D'EXPLOITATION D'UN SYSTEME DE COMMUNICATION**
[72] KUMAR, ANIL, US
[72] AYYAGARI, ARUN, US
[71] THE BOEING COMPANY, US
[22] 2013-05-28
[41] 2014-03-05
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[51] **Int.Cl. F16F 13/16 (2006.01) B60K 25/02 (2006.01) F16F 9/34 (2006.01) F16F 15/08 (2006.01)**
[25] EN
[54] **AXIALLY DAMPED HYDRAULIC MOUNT ASSEMBLY**
[54] **DISPOSITIF D'INSTALLATION HYDRAULIQUE A VOLET AXIAL**
[72] BRADSHAW, JEFFERY MICHAEL, US
[72] DOWSON, CHRIS, CA
[71] COOPER-STANDARD AUTOMOTIVE INC., US
[22] 2013-07-03
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[51] **Int.Cl. H01J 27/02 (2006.01) H01J 49/10 (2006.01)**
[25] EN
[54] **ATMOSPHERIC PRESSURE ION SOURCE WITH EXHAUST SYSTEM**
[54] **SOURCE D'IONS A PRESSION ATMOSPHERIQUE AVEC SYSTEME D'ECHAPPEMENT**
[72] YANG, ZICHENG, US
[72] MOELLER, ROY P., US
[72] ZANON, STEPHEN, US
[71] BRUKER DALTONICS, INC., US
[22] 2013-06-21
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[51] **Int.Cl. H01M 8/04 (2006.01) H04W 88/02 (2009.01)**
[25] EN
[54] **APPARATUS FOR ELECTRONIC DEVICES WITH VIBRATORS AND FUEL CELLS**
[54] **APPAREIL POUR DISPOSITIFS ELECTRONIQUES DOTES DE VIBRATEURS ET DE PILES A COMBUSTIBLE**
[72] SUTARWALA, TAHA SHABBIR HUSAIN, CA
[72] PROCIW, PHILIP JAMES, CA
[72] FENG, YU WILLIAM, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2013-07-09
[41] 2014-03-05
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[25] EN
[54] **AUTOMATIC MACHINE FOR INTERNET PAYMENT**
[54] **MACHINE AUTOMATIQUE POUR PAIEMENT INTERNET**
[72] MILLER, NORBERT, DE
[72] AUGUSTYNIAK, MATTHIAS, DE
[71] SCHEIDT & BACHMANN GMBH, DE
[22] 2013-07-16
[41] 2014-03-04
[30] EP (12182962.6) 2012-09-04

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[13] A1
[51] **Int.Cl. G01C 21/26 (2006.01) G01S 7/40 (2006.01) G01S 11/06 (2006.01)**
[25] EN
[54] **DISPLAY OF INFORMATION RELATED TO A DETECTED RADAR SIGNAL**
[54] **AFFICHAGE DE L'INFORMATION RELATIVE A UN SIGNAL RADAR DETECTE**
[72] JARVIS, GEORGE ALLEN, US
[71] THE BOEING COMPANY, US
[22] 2013-07-15
[41] 2014-03-07
[30] US (13/607,451) 2012-09-07

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[51] **Int.Cl. H01B 7/36 (2006.01) G01B 3/10 (2006.01) H01B 13/00 (2006.01)**
[25] FR
[54] **CABLE INCLUDING A MARKING DEVICE**
[54] **CABLE COMPORTANT UN DISPOSITIF DE MARQUAGE**
[72] BENICHOU, FABRICE, FR
[72] CADOUR, DAMIEN, FR
[71] NEXANS, FR
[22] 2013-07-15
[41] 2014-03-06
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[51] **Int.Cl. F16J 15/06 (2006.01) E21B 33/03 (2006.01) F16J 15/46 (2006.01)**
[25] EN
[54] **FLUID SEAL WITH SWELLABLE MATERIAL PACKING**
[54] **JOINT D'ETANCHEITE AVEC GARNITURE GONFLABLE**
[72] CAMPBELL, ROBERT ANGUS, US
[72] SCHMIDT, RICHARD T., US
[71] FREUDENBERG OIL & GAS, LLC, US
[22] 2013-08-01
[41] 2014-03-04
[30] US (13/603,085) 2012-09-04

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[13] A1
[51] **Int.Cl. A63B 21/072 (2006.01) A63B 21/075 (2006.01)**
[25] EN
[54] **INERTIAL DUMBBELL EXERCISE DEVICE**
[54] **APPAREIL D'EXERCICE A HALTERE A INERTIE**
[72] WHELER, MICHAEL, CA
[71] WHELER, MICHAEL, CA
[22] 2013-08-09
[41] 2014-03-04
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[51] **Int.Cl. G06F 17/30 (2006.01)**
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[54] **ARCHITECTURE D'ALIMENTATION COMMANDEE PAR DES METADONNEES**
[72] PRABHAKAR, VAIDEESWARAN, US
[72] CHEN, JOHN, US
[71] FMR LLC, US
[22] 2013-08-13
[41] 2014-03-04
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[51] **Int.Cl. A61B 17/072 (2006.01)**
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[54] **STAPLE LINE REINFORCEMENT FOR ANVIL AND CARTRIDGE**
[54] **RENFORT D'AGRAFAGE POUR ENCLUME ET CARTOUCHE**
[72] INGMANSON, MICHAEL D., US
[72] SHAH, SACHIN, US
[72] MCNELLIS, JOSEPH, US
[72] CASASANTA, THOMAS, JR., US
[72] GOLEBIESKI, KEVIN, US
[71] COVIDIEN LP, US
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[41] 2014-03-05
[30] US (61/696,906) 2012-09-05
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[51] **Int.Cl. H04B 1/04 (2006.01) H01Q 9/04 (2006.01) H04B 7/005 (2006.01)**
[25] EN
[54] **DATA AND/OR COMMAND SIGNAL TRANSMISSION DEVICE WITH ANTENNA ARRANGEMENTS**
[54] **DISPOSITIF DE TRANSMISSION DE DONNEES ET/OU DE SIGNAL DE COMMANDE DOTE DE DISPOSITIFS D'ANTENNE**
[72] BISIG, MARTIN, CH
[71] SWISS TIMING LTD., CH
[22] 2013-08-09
[41] 2014-03-05
[30] EP (12183182.0) 2012-09-05

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[51] **Int.Cl. B65D 83/00 (2006.01) B65D 43/02 (2006.01)**
[25] EN
[54] **CUTLERY UTENSIL DISPENSING PACKAGE**
[54] **ENSEMBLE DE DISTRIBUTION DE COUTELLERIE**
[72] OAKES, SHAWN A., US
[71] DIXIE CONSUMER PRODUCTS LLC, US
[22] 2013-08-16
[41] 2014-03-07
[30] US (61/697,819) 2012-09-07

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[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/129 (2006.01)**
[25] EN
[54] **STANDOFF DEVICE FOR DOWNHOLE TOOLS USING SLIP ELEMENTS**
[54] **DISPOSITIF DE DEGAGEMENT POUR OUTILS DE FOND DE TROU COMPORTANT DES ELEMENTS COULISSANTS**
[72] YOUNG, JONATHAN A., US
[72] ROCHEN, JAMES A, US
[71] WEATHERFORD/LAMB, INC., US
[22] 2013-08-20
[41] 2014-03-06
[30] US (13/605,239) 2012-09-06

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[13] A1
[51] **Int.Cl. B01D 27/06 (2006.01) B01D 27/08 (2006.01)**
[25] EN
[54] **FILTER MODULE**
[54] **MODULE DE FILTRAGE**
[72] FISCHER, THOMAS, DE
[72] FELBER, UWE, DE
[72] LEISTER, KLAUS, DE
[72] CLASEN, HANNES, DE
[71] CARL FREUDENBERG KG, DE
[22] 2013-08-22
[41] 2014-03-03
[30] DE (10 2012 017 315.6) 2012-09-03

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[25] EN
[54] **RAILCAR HANDBRAKE MONITOR**
[54] **MONITEUR DE FREIN A MAIN DE WAGON**
[72] MARTIN, ANDREW, US
[72] SMITH, ALLEN, US
[71] AMSTED RAIL COMPANY, INC., US
[22] 2013-08-22
[41] 2014-03-06
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[51] **Int.Cl. E06B 3/964 (2006.01)**
[25] EN
[54] **LINEAL CONNECTOR AND TEMPLATE**
[54] **CONNECTEUR ET GABARIT POUR LINEAIRES**
[72] MASSEY, VICTOR, US
[71] MILGARD MANUFACTURING INCORPORATED, US
[22] 2013-08-26
[41] 2014-03-04
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[51] **Int.Cl. B01F 15/02 (2006.01) B01F 5/12 (2006.01)**
[25] EN
[54] **TWO COMPONENT FLUID METERING AND MIXING SYSTEM**
[54] **SYSTEME DE MESURE ET DE MELANGE DE DEUX FLUIDES**
[72] GABRIELSON, KARL ERIC, US
[72] HEMSEN, STEVEN J., US
[72] GARNICH, FLORIAN, US
[71] HENKEL CORPORATION, US
[71] HENKEL AG & CO. KGAA, DE
[22] 2013-08-23
[41] 2014-03-05
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[51] **Int.Cl. F23C 10/00 (2006.01)**
[25] EN
[54] **PRESSURIZED OXY-COMBUSTION POWER BOILER AND POWER PLANT AND METHOD OF OPERATING THE SAME**
[54] **CHAUDIERE ELECTRIQUE A COMBUSTION D'OXYGENE SOUS PRESSION, ET CENTRALE ELECTRIQUE ET SA METHODE D'EXPLOITATION**
[72] JUKKOLA, GLEN D., US
[71] ALSTOM TECHNOLOGY LTD, CH
[22] 2013-08-28
[41] 2014-03-06
[30] US (13/605,299) 2012-09-06

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[51] **Int.Cl. B60P 3/42 (2006.01) B60P 1/43 (2006.01)**
[25] EN
[54] **TRAILER RAMP DOOR CONVERTIBLE TO PATIO**
[54] **PORTE RAMPE DE REMORQUE CONVERTIBLE EN TERRASSE**
[72] LYTLE, SCOTT ALAN, US
[72] ISON, THOMAS LEON, US
[71] HEARTLAND RECREATIONAL VEHICLES, LLC, US
[22] 2013-08-28
[41] 2014-03-06
[30] US (13/604,991) 2012-09-06

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[51] **Int.Cl. B29C 49/42 (2006.01)**
[25] EN
[54] **FOLDING BLADE FOR A BLOWN FILM LINE AS WELL AS BLOWN FILM LINE WITH SUCH A FOLDING BLADE**
[54] **LAME DE PLIAGE POUR PELLICULE TUBULAIRE SOUFFLEE ET PELLICULE TUBULAIRE SOUFFLEE DOTEE D'UNE TELLE LAME DE PLIAGE**
[72] BUTTY, KONRAD, DE
[71] REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK, DE
[22] 2013-08-28
[41] 2014-03-04
[30] DE (10 2012 017 433.0) 2012-09-04

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[51] **Int.Cl. B01D 53/50 (2006.01) B01D 53/14 (2006.01)**
[25] EN
[54] **DESULPHURIZATION AND COOLING OF PROCESS GAS**
[54] **DESULPHURISATION ET REFROIDISSEMENT D'UN GAZ DE PROCEDE**
[72] STALLMANN, OLAF, DE
[72] HEINZ, GERHARD, DE
[71] ALSTOM TECHNOLOGY LTD, CH
[22] 2013-08-28
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[51] **Int.Cl. C02F 1/52 (2006.01)**
[25] EN
[54] **SEDIMENT CONTROL SYSTEM**
[54] **DISPOSITIF DE CONTROLE DES SEDIMENTS**
[72] SCHRAND, MELISSA, US
[71] INNOVATIVE TURF SOLUTIONS, LLC, US
[22] 2013-08-27
[41] 2014-03-05
[30] US (61/697034) 2012-09-05

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[13] A1
[51] **Int.Cl. H04N 21/258 (2011.01) H04N 21/482 (2011.01) H04N 5/445 (2011.01)**
[25] EN
[54] **METHOD OF PROVIDING PROGRAM MONITORING INFORMATION AND BROADCASTING SYSTEM USING THE SAME**
[54] **METHODE PERMETTANT DE FOURNIR DE L'INFORMATION DE SURVEILLANCE DE PROGRAMME ET SYSTEME DE DIFFUSION L'UTILISANT**
[72] NAM, SUNG WOO, KR
[71] ALTICAST CORPORATION, KR
[22] 2013-08-30
[41] 2014-03-06
[30] KR (10-2012-0098701) 2012-09-06

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[51] **Int.Cl. B01B 1/00 (2006.01)**
[25] EN
[54] **METHOD OF OPERATING AN OXY-FUEL BOILER SYSTEM**
[54] **PROCEDE DE FONCTIONNEMENT D'UN SYSTEME DE BRULEUR OXYCOMBUSTIBLE**
[72] STALLMANN, OLAF, DE
[72] ENNENBACH, FRANK KLAUS, DE
[72] BRITZ, CHRISTIAN, DE
[72] NARJES, JUTTA, DE
[72] WEITZEL, MARKUS JOERG, DE
[71] ALSTOM TECHNOLOGY LTD, CH
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[51] **Int.Cl. B64C 27/82 (2006.01) B64C 1/12 (2006.01) B64C 7/00 (2006.01)**
[25] EN
[54] **AN EMPENNAGE OF A HELICOPTER**
[54] **UN EMPENNAGE D'UN HELICOPTERE**
[72] KREITMAIR-STECK, WOLFGANG, DE
[72] HEBENSPERGER, MICHAEL, DE
[71] EUROCOPTER DEUTSCHLAND GMBH, DE
[22] 2013-08-27
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[51] **Int.Cl. B60K 26/02 (2006.01)**
[25] EN
[54] **THROTTLE CONTROL ASSEMBLY WITH INTEGRATED SAFETY SWITCH**
[54] **DISPOSITIF DE COMMANDE DE LEVIER D'ACCELERATION DOTE D'UN COMMUTATEUR DE SECURITE INTEGRE**
[72] MANJUNATH, NIRANJAN, US
[72] MOONAMKANDY, SHAKIL, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2013-08-29
[41] 2014-03-05
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[51] **Int.Cl. G01W 1/00 (2006.01) B64D 43/00 (2006.01) B64D 47/00 (2006.01) G01C 19/00 (2013.01)**
[25] EN
[54] **METHOD OF DETERMINING A TURBULENT CONDITION IN AN AIRCRAFT**
[54] **METHODE DE DETERMINATION D'UN ETAT TURBULENT DANS UN AERONEF**
[72] PEREIRA, FRAZER LESLIE, IN
[71] GE AVIATION SYSTEMS LLC, US
[22] 2013-08-29
[41] 2014-03-07
[30] IN (2787/DEL/2012) 2012-09-07

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[51] **Int.Cl. H02J 13/00 (2006.01) H02H 9/04 (2006.01) H02K 7/106 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEMS FOR OPERATING A WIND TURBINE USING DYNAMIC BRAKING IN RESPONSE TO A GRID EVENT**
[54] **METHODE ET SYSTEMES D'EXPLOITATION D'UNE EOLIENNE A L'AIDE DE FREINAGE DYNAMIQUE EN REACTION A UN EVENEMENT SUR LE RESEAU**
[72] WAGONER, ROBERT GREGORY, US
[72] RITTER, ALLEN MICHAEL, US
[72] LARSEN, EINAR VAUGHN, US
[72] KLODOWSKI, ANTHONY MICHAEL, US
[72] BARKER, SIDNEY ALLEN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2013-08-29
[41] 2014-03-07
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[51] **Int.Cl. G01F 23/28 (2006.01) B64D 37/00 (2006.01) G01F 23/296 (2006.01) G10K 11/28 (2006.01)**
[25] EN
[54] **LIQUID LEVEL GAUGING SYSTEM WITH BUBBLE SHEDDING REFLECTORS**
[54] **SYTEME DE JAUGE DE NIVEAU DE LIQUIDE DOTE DE REFLECTEURS ELIMINATEURS DE BULLES**
[72] KLINE, BRUCE R., US
[71] SIMMONDS PRECISION PRODUCTS, INC., US
[22] 2013-08-29
[41] 2014-03-05
[30] US (13/603,862) 2012-09-05

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[13] A1
[51] **Int.Cl. B65G 69/34 (2006.01)**
[25] EN
[54] **VEHICLE RESTRAINTS WITH ROTATING AND TRANSLATING BARRIERS**
[54] **DISPOSITIFS DE BLOCAGE DE VEHICULE DOTES DE BARRIERES DE ROTATION ET DE TRANSLATION**
[72] PROFFITT, GREG, US
[72] SVEUM, MATTHEW, US
[71] RITE-HITE HOLDING CORPORATION, US
[22] 2013-08-28
[41] 2014-03-05
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[51] **Int.Cl. G06K 7/10 (2006.01) G06K 19/07 (2006.01)**
[25] EN
[54] **METHOD TO IMPLEMENT ONE TIME READABILITY ON NFC TAGS**
[54] **METHODE DE MISE EN PLACE DE LECTURE UNIQUE D'ETIQUETTES DE CCP**
[72] GUPTA, SHISHIR, US
[72] IYENGAR, RAGHU SESHA, IN
[71] AGREEYA MOBILITY, US
[22] 2013-08-30
[41] 2014-03-05
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[51] **Int.Cl. F25B 41/00 (2006.01)**
[25] EN
[54] **A DISTRIBUTOR ASSEMBLY FOR SPACE CONDITIONING SYSTEMS**
[54] **UN DISTRIBUTEUR SERVANT DANS LES SYSTEMES DE CONDITIONNEMENT DE L'ESPACE**
[72] ROMAN, HANY, US
[71] ALLIED AIR ENTERPRISES, INC., US
[22] 2013-08-30
[41] 2014-03-04
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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ONLINE SUBMISSION, COLLECTION, AND DISTRIBUTION OF PRODUCT AND SHOPPING RELATED INFORMATION**
[54] **SYSTEME ET METHODE DE DEMANDE EN LIGNE, COLLECTE ET DISTRIBUTION DE PRODUIT ET INFORMATION CONNEXE D'ACHAT**
[72] BARNETT, KENNETH A., US
[72] ANDREWS, JOHN, US
[72] THORNTON, JAY, US
[71] COLLECTIVE BIAS, LLC, US
[22] 2013-08-30
[41] 2014-03-05
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[51] **Int.Cl. B01J 7/02 (2006.01) B01F 3/04 (2006.01)**
[25] EN
[54] **MICROBUBBLE THERAPY METHOD AND GENERATING APPARATUS**
[54] **METHODE THERAPEUTIQUE A MICROBULLES ET APPAREIL DE PRODUCTION DE MICROBULLES**
[72] CUNNINGHAM, JEFFREY, US
[72] JACKSON, ERIC, US
[72] JACUZZI, REMO C., US
[71] JASON INTERNATIONAL, INC., US
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[41] 2014-03-04
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[51] **Int.Cl. A61B 5/08 (2006.01) A61B 5/087 (2006.01) A61B 5/097 (2006.01) G01N 27/416 (2006.01)**
[25] EN
[54] **ALCOHOL-MEASURING DEVICE WITH FAST OPERATIONAL READINESS**
[54] **ALCOTEST RAPIDEMENT UTILISABLE**
[72] STOCK, BURKHARD, DE
[72] REKOW, JENS, DE
[71] DRAGER SAFETY AG & CO. KGAA, DE
[22] 2013-08-29
[41] 2014-03-06
[30] DE (10 2012 017 638.4) 2012-09-06

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[51] **Int.Cl. B60N 2/28 (2006.01)**
[25] EN
[54] **CHILD SEAT WITH BELT TENSIONING MECHANISM FOR IMPROVED INSTALLATION**
[54] **SIEGE D'AUTO POUR ENFANT DOTE D'UN MECANISME TENSEUR FACILITANT L'INSTALLATION**
[72] STRONG, LYNN CURTIS, US
[72] GUNTER, MARK, US
[72] REED, SCOTT ALAN, US
[71] BRITAX CHILD SAFETY, INC., US
[22] 2013-08-29
[41] 2014-03-04
[30] US (13/602,846) 2012-09-04

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[13] A1
[51] **Int.Cl. B60R 9/042 (2006.01) B60R 9/048 (2006.01)**
[25] EN
[54] **RACK SYSTEM WITH PIVOTING RAIL**
[54] **SYSTEME DE SUPPORT DOTE D'UN RAIL PIVOTANT**
[72] THIBAULT, PAUL, CA
[71] TECHNO-FAB 9000 INC., CA
[22] 2013-08-29
[41] 2014-03-05
[30] US (61/697028) 2012-09-05

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[13] A1
[51] **Int.Cl. F28B 1/06 (2006.01) H01H 71/22 (2006.01)**
[25] EN
[54] **PASSIVE COOLING SYSTEM FOR SWITCHGEAR WITH STAR-SHAPED CONDENSER**
[54] **DISPOSITIF DE REFROIDISSEMENT PASSIF POUR ENGRENAGE DOTE D'UN CONDENSEUR EN FORME D'ETOILE**
[72] KARANDIKAR, HARSHAVARDHAN M., US
[72] KAUFMANN, PATRIK, CH
[71] ABB TECHNOLOGY AG, CH
[22] 2013-09-03
[41] 2014-03-06
[30] US (13/604,966) 2012-09-06

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[13] A1
[51] **Int.Cl. A61B 17/11 (2006.01) A61B 17/115 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **METHODS FOR APPLYING SURGICAL STAPLES TO INTERNAL WALLS OF HOLLOW TISSUE ORGANS**
[54] **METHODES D'APPLICATION D'AGRAFES CHIRURGICALES AUX PAROIS INTERNES DES ORGANES CREUX**
[72] VESTWEBER, BORIS, DE
[71] COVIDIEN LP, US
[22] 2013-09-03
[41] 2014-03-07
[30] US (61/698,148) 2012-09-07
[30] US (14/011,103) 2013-08-27

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[13] A1
[51] **Int.Cl. H02B 1/28 (2006.01) H05K 7/20 (2006.01) H01L 35/28 (2006.01)**
[25] EN
[54] **RESTRICTED BREATHING ENCLOSURE**
[54] **ENCEINTE RESPIRATOIRE RESTREINTE**
[72] BULMER, JAMES, CA
[71] BULMER, JAMES, CA
[22] 2013-08-28
[41] 2014-03-06
[30] US (13605809) 2012-09-06
[30] AU (2013204395) 2013-04-12

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[13] A1
[51] **Int.Cl. E06B 3/48 (2006.01) E06B 9/52 (2006.01)**
[25] EN
[54] **GARAGE DOOR ASSEMBLY**
[54] **ENSEMBLE DE PORTE DE GARAGE**
[72] GRAVEL, MANON, CA
[71] GRAVEL, MANON, CA
[22] 2013-08-30
[41] 2014-03-07
[30] US (61/698,312) 2012-09-07

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[13] A1
[51] **Int.Cl. F21V 15/01 (2006.01) F21V 23/00 (2006.01) F21V 33/00 (2006.01)**
[25] EN
[54] **LIGHTING DEVICE FOR VENTILATING FAN**
[54] **DISPOSITIF D'ECLAIRAGE POUR VENTILATEUR**
[72] ZHONG, SHENGHUI, CN
[72] TIAN, LIANG, CN
[72] GAO, SHOUYONG, CN
[72] PENG, JIAN, CN
[72] YUAN, HAIPING, CN
[72] ZHAO, YINAN, CN
[71] PANASONIC ECOLOGY SYSTEMS GUANGDONG CO., LTD., CN
[71] SHENZHEN H&T INTELLIGENT CONTROL CO., LTD., CN
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[41] 2014-03-05
[30] CN (201210325142.6) 2012-09-05

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[13] A1
[51] **Int.Cl. G01M 3/04 (2006.01) G01F 1/00 (2006.01) G01F 1/684 (2006.01) G01J 5/00 (2006.01) G06T 7/20 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR LEAK DETECTION**
[54] **DISPOSITIF ET METHODE DE DETECTION DE FUITE**
[72] KNAUTH, JONATHAN PATRICK, US
[71] CRITICAL IMAGING, LLC, US
[22] 2013-09-04
[41] 2014-03-05
[30] US (13/604,162) 2012-09-05

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[13] A1
[51] **Int.Cl. E04B 2/88 (2006.01) F21S 4/00 (2006.01) F21V 33/00 (2006.01)**
[25] EN
[54] **ILLUMINATED CURTAIN WALL**
[54] **RIDEAU MURAL ILLUMINE**
[72] BOISSEVAIN, CHRISTOPHER JAMES, US
[72] GARCIA, JOSEPH, US
[71] KONINKLIJKE PHILIPS N.V., NL
[22] 2013-09-04
[41] 2014-03-07
[30] US (13/606,046) 2012-09-07

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[13] A1
[51] **Int.Cl. F02C 7/14 (2006.01) F01D 25/12 (2006.01) F02C 7/36 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DRIVING AN OIL COOLING FAN OF A GAS TURBINE ENGINE**
[54] **SYSTEMES ET METHODES D'ENTRAINEMENT D'UN VENTILATEUR DE REFROIDISSEMENT D'HUILE D'UNE TURBINE A GAZ**
[72] MACFARLANE, IAN A., CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2013-09-03
[41] 2014-03-04
[30] US (13/602,395) 2012-09-04

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[13] A1
[51] **Int.Cl. F01K 13/00 (2006.01) F01K 3/00 (2006.01) F01K 27/02 (2006.01)**
[25] EN
[54] **A METHOD OF INCREASING ELECTRICITY OUTPUT DURING HIGH DEMAND**
[54] **UNE METHODE PERMETTANT D'AUGMENTER LA PRODUCTION D'ELECTRICITE PENDANT UNE PERIODE DE FORTE DEMANDE**
[72] AGOSTINELLI, GIAN LUIGI, CH
[72] BURDET, ANDRE, CH
[72] BIALKOWSKI, MICHAL TADEUSZ, CH
[71] ALSTOM TECHNOLOGY LTD, CH
[22] 2013-09-03
[41] 2014-03-04
[30] EP (12182969.1) 2012-09-04

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[13] A1
[51] **Int.Cl. H01R 11/00 (2006.01) H01R 13/42 (2006.01) H01R 27/00 (2006.01)**
[25] EN
[54] **PUSH WIRE CONNECTOR HAVING A ROTATABLE RELEASE MEMBER**
[54] **CONNECTEUR A PRESSION DOTE D'UN ELEMENT DECLENCHEUR PIVOTANT**
[72] SCANZILLO, THOMAS, US
[72] BAZAYEV, EDWARD, US
[72] SIMON, ROBERT, US
[71] HUBBELL INCORPORATED, US
[22] 2013-09-03
[41] 2014-03-05
[30] US (61/697,106) 2012-09-05
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[54] **PRECIPITATION MANAGMENT SYSTEM FOR MOBILE EQUIPMENT**
[54] **SYSTEME DE GESTION DES PRECIPITATIONS POUR EQUIPEMENT MOBILE**
[72] LAWSON, ANDREW F., US
[72] ZAHN, DOUGLAS F., US
[71] CATERPILLAR GLOBAL MINING LLC, US
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[25] EN
[54] **CENTRIGUGAL PUMP AND IMPELLER PROTECTOR FOR CENTRIFUGAL PUMP**
[54] **POMPE CENTRIFUGE ET PROTECTEUR DE TETE DE POMPE POUR POMPE CENTRIFUGE**
[72] KORUPP, SASCHA, DE
[72] RUNTE, LARS, DE
[72] HEES, FELIX, DE
[71] HERBORNER PUMPENFABRIK J.H. HOFFMANN GMBH & CO.KG, DE
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[54] **PUMP AND PROTECTOR FOR PUMP**
[54] **POMPE ET PROTECTEUR DE POMPE**
[72] KORUPP, SASCHA, DE
[72] RUNTE, LARS, DE
[72] HEES, FELIX, DE
[71] HERBORNER PUMPENFABRIK J.H. HOFFMANN GMBH & CO.KG, DE
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[54] **CONNECTION SYSTEM**
[54] **DISPOSITIF DE CONNEXION**
[72] KORUPP, SASCHA, DE
[72] RUNTE, LARS, DE
[72] HEES, FELIX, DE
[71] HERBORNER PUMPENFABRIK J.H. HOFFMANN GMBH & CO.KG, DE
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[25] EN
[54] **PUMP WITH DRY RUN PROTECTION**
[54] **POMPE DOTEE D'UNE PROTECTION DE FONCTIONNEMENT SANS LUBRIFICATION**
[72] KORUPP, SASCHA, DE
[72] RUNTE, LARS, DE
[72] HEES, FELIX, DE
[71] HERBORNER PUMPENFABRIK J.H. HOFFMANN GMBH & CO.KG, DE
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[54] **LIFT SYSTEM WITH FOLLOWER SYSTEM**
[54] **SYSTEME DE LEVAGE DOTE D'UN SYSTEME SUIVEUR**
[72] FACCIO, TIMOTHY J., US
[72] PERKINS, CHRISTOPHER R., US
[72] MCWILLIAMS, RICHARD LYNN, US
[71] LIFT SYSTEMS, INC., US
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[54] **METHOD AND DEVICE FOR RECYCLING LABELED PLASTIC ARTICLES**
[54] **METHODE ET APPAREIL DE RECYCLAGE D'ARTICLES DE PLASTIQUE PORTANT DES ETIQUETTES**
[72] FRIEDLAENDER, THOMAS, DE
[71] KRONES AG, DE
[22] 2013-09-04
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[25] EN
[54] **RADIO FREQUENCY FEED BLOCK FOR MULTI-BEAM ARCHITECTURE**
[54] **BLOC D'ALIMENTATION DE RADIOFREQUENCE POUR ARCHITECTURE MULTI-FAISCEAUX**
[72] POUYEZ, STEPHANE, FR
[72] POTIER, MICHAEL, FR
[72] BOUGUEREAU, JEAN-LUC, FR
[72] BOSSHARD, PIERRE, FR
[72] GERARD, ALAIN, FR
[71] THALES, FR
[22] 2013-09-06
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[25] EN
[54] **MOISTURE SEPARATOR REHEATER AND NUCLEAR POWER PLANT**
[54] **RECHAUFFEUR SEPARATEUR D'HUMIDITE ET CENTRALE NUCLEAIRE**
[72] KURIHARA, SHOGO, JP
[72] YOSHIMURA, KOICHI, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
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[30] JP (2012-193892) 2012-09-04

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[51] **Int.Cl. F03D 1/00 (2006.01) F03D 11/02 (2006.01)**
[25] EN
[54] **A WIND TURBINE SYSTEM, AN ASSEMBLING METHOD OF A WIND TURBINE SYSTEM, AN INSPECTING METHOD OF A WIND TURBINE SYSTEM, AND AN OPERATION METHOD OF A WIND TURBINE SYSTEM**
[54] **UNE EOLIENNE, UNE METHODE D'ASSEMBLAGE D'UNE EOLIENNE, UNE METHODE D'INSPECTION D'UNE EOLIENNE ET UNE METHODE D'EXPLOITATION D'UNE EOLIENNE**
[72] TOBINAGA, IKUO, JP
[71] HITACHI, LTD., JP
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[51] **Int.Cl. F24H 9/20 (2006.01) F24F 11/00 (2006.01)**
[25] EN
[54] **A FURNACE CONTROLLER AND A FURNACE THAT CONTROL A GAS INPUT RATE TO MAINTAIN A DISCHARGE AIR TEMPERATURE**
[54] **UNE COMMANDE DE FOUR ET UN FOUR DOTE D'UNE COMMANDE D'ENTREE DE GAZ POUR MAINTENIR LA TEMPERATURE D'AIR DE DECHARGE**
[72] HREJSA, PETER, US
[72] KOWALD, GLENN W., US
[72] HADZIDEDIC, DARKO, US
[71] LENNOX INDUSTRIES INC., US
[22] 2013-09-05
[41] 2014-03-06
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[51] **Int.Cl. H01M 4/134 (2010.01)**
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[54] **NEGATIVE ELECTRODE MATERIAL FOR LITHIUM ION BATTERIES**
[54] **MATERIAU D'ELECTRODE NEGATIVE POUR LES PILES AU LITHIUM ION**
[72] SHINYA, NAOFUMI, JP
[72] MINOWA, TAKEHISA, JP
[71] SHIN-ETSU CHEMICAL CO., LTD., JP
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[51] **Int.Cl. A01K 13/00 (2006.01)**
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[54] **INSECTICIDAL APPARATUS AND METHODS**
[54] **APPAREIL DISTRIBUTEUR D'INSECTICIDE ET METHODES CONNEXES**
[72] GRAVES, TRAVIS, US
[71] AMERIAG, LLC, US
[22] 2013-09-05
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[30] US (61/697,024) 2012-09-05
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[54] **WASTE SEPARATOR APPARATUS AND SYSTEM FOR TREATING ANIMAL WASTE AND THE LIKE**
[54] **APPAREIL ET SYSTEME DE SEPARATION DES DECHETS POUR LE TRAITEMENT DES DECHETS ANIMAUX ET AUTRES SEMBLABLES**
[72] FETTERMAN, LEWIS MORRIS, III, US
[72] RENFROW, DURWOOD NELSON, US
[72] SINCLAIR, JAMES EULEN, JR., US
[72] SCHROEDER, ANGELA DENISE, US
[72] PYATTE, CLAUDE DECATOR, JR., US
[71] EMERALD WASTE SOLUTIONS, LLC, US
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[25] EN
[54] **TOGGLE SWITCH LOCKOUT CLIP AND METHOD**
[54] **PINCE DE VERROUILLAGE A BASCULE ET METHODE CONNEXE**
[72] DIXON, ROBERT D., US
[72] RUSHTON, PERRY N., US
[71] THE BOEING COMPANY, US
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[54] **WASTE CONTAINER**
[54] **CONTENANT A DECHETS**
[72] MCCANLESS, MARGARET, US
[71] REHRIG PACIFIC COMPANY, US
[22] 2013-09-09
[41] 2014-03-08
[30] US (61/698,633) 2012-09-08

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[51] **Int.Cl. B23P 6/00 (2006.01)**
[25] EN
[54] **GAS GENERATOR CASE REPAIR**
[54] **REPARATION D'UN BOITIER DE GENERATEUR A GAZ**
[72] COLE, DANIEL SUTRA, CA
[72] BEAULIEU, GUY, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[25] EN
[54] **FISHING LURE APPARATUS AND METHOD**
[54] **LEURRE DE PECHE ET METHODE**
[72] DUNBAR, LOREN, US
[71] DUNBAR, LOREN, US
[22] 2013-09-06
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[51] **Int.Cl. B23K 31/02 (2006.01)**
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[54] **SYSTEM FOR PREVENTING THE FORMATION OF MARTENSITE IN METALS JOINING APPLICATIONS**
[54] **SYSTEME DE PREVENTION DE FORMATION DE MARTENSITE DANS LES APPLICATIONS DE REALISATION DE JOINT METALLIQUE**
[72] WORKMAN, DAVID P., US
[71] WORKMAN, DAVID P., US
[22] 2013-09-05
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[25] EN
[54] **PLASTIC CONTAINER WITH REINFORCED STRUCTURE**
[54] **CONTENANT DE PLASTIQUE A STRUCTURE RENFORCEE**
[72] DUQUENOY, FREDERIC, CA
[72] TALBOT-POULIOT, MARC, CA
[71] IPL INC., CA
[22] 2013-09-03
[41] 2014-03-07
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[54] **INTERNAL ORBITAL ENGINE**
[54] **MOTEUR ORBITAL**
[72] LEONARD, FRANK W., US
[71] LEONARD, FRANK W., US
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[25] EN
[54] **APPARATUS FOR EJECTING AN OXYGEN MASK**
[54] **APPAREIL D'EJECTION D'UN MASQUE A OXYGENE**
[72] HOLLM, MARCO, DE
[72] WESTPHAL, ANDREAS, DE
[71] INTERTECHNIQUE, FR
[22] 2013-09-03
[41] 2014-03-05
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[25] EN
[54] **METHOD SYSTEM AND APPARATUS FOR STREAMING VIDEO SECURITY**
[54] **METHODE, SYSTEME ET APPAREIL DE FLUX DE VIDEO DE SECURITE**
[72] SOFFER, AVIV, IL
[72] VAISBAND, OLEG, IL
[71] HIGH SEC LABS LTD., IL
[22] 2013-09-04
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[51] **Int.Cl. A47D 13/06 (2006.01)**
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[54] **GATE FOR PLAY YARD**
[54] **BARRIERE POUR AIRE DE JEU**
[72] WEISBECK, DEAN, US
[72] YAGER GRAD, JULIE ANN, US
[71] WEISBECK, DEAN, US
[71] YAGER GRAD, JULIE ANN, US
[22] 2013-09-04
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[51] **Int.Cl. G01V 1/30 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR RECONSTRUCTING COMPLEX SALT GEOMETRY USING DUAL-FLOOD RTM WITH PRISMATIC WAVES**
[54] **APPAREIL ET METHODE DE RECONSTRUCTION DE GEOMETRIE DE SEL COMPLEXE A L'AIDE D'UN MTR DOUBLE FLUX ET D'ONDES PRISMATIQUES**
[72] LI, YUNFENG, FR
[72] AGNIHOTRI, YOGESH, FR
[72] DY, TIMMY, FR
[71] CGG SERVICES SA, FR
[22] 2013-09-05
[41] 2014-03-07
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[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **FINANCIAL PRODUCTS BASED ON A SERIALIZED INDEX**
[54] **PRODUITS FINANCIERS FONDES SUR UN INDICE DE FLUX GROUPE**
[72] HARDING, JOHN, US
[72] FARLEY, THOMAS, US
[72] GOONE, DAVID, US
[72] CROWLEY, CHRIS, US
[72] EDMONDS, CHRIS, US
[72] ROWELL, MARK, GB
[72] SPRECHER, JEFFREY, US
[72] IVANOV, STANISLAV, US
[72] STERNARD, DONALD F., US
[71] INTERCONTINENTALEXCHANGE, INC., US
[22] 2013-10-08
[41] 2014-03-04
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[30] US (13/658,133) 2012-10-23
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[51] **Int.Cl. H01M 8/10 (2006.01) C08K 5/3437 (2006.01) C08L 101/12 (2006.01)**
[25] EN
[54] **CARBON SUPPORTED METAL-LIGAND COMPLEX ADDITIVES FOR SOLID POLYMER ELECTROLYTE FUEL CELLS**
[54] **ADDITIFS DE COMPLEXES LIANTS METALLIQUES AU CARBONE POUR LES PILES A COMBUSTIBLE A MEMBRANE ELECTROLYTE POLYMERE SOLIDE**
[72] WANG, KEPING, CA
[72] LI, JING, CA
[72] YANG, YUNSONG, CA
[72] ZOU, YUQUAN, CA
[71] DAIMLER AG, DE
[71] FORD MOTOR COMPANY, US
[22] 2013-12-10
[41] 2014-03-04

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[51] **Int.Cl. A61K 31/203 (2006.01)**
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[54] **PHARMACEUTICAL SEMI-SOLID COMPOSITION OF ISOTRETINOIN**
[54] **COMPOSITION PHARMACEUTIQUE SEMI-SOLIDE D'ISOTRETINOINE**
[72] DEBOECK, ARTHUR M., US
[72] VANDERBIST, FRANCIS, BE
[72] SERVAIS, CECILE, BE
[72] BAUDIER, PHILIPPE, BE
[71] GALEPHAR PHARMACEUTICAL RESEARCH, INC., US
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[51] **Int.Cl. B60P 1/00 (2006.01)**
[25] EN
[54] **FOLDING STAIRCASE FOR VEHICLES**
[54] **ESCALIER PLIANT POUR VEHICULES**
[72] KLASSEN, FRANK, CA
[71] KLASSEN, FRANK, CA
[22] 2013-12-12
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[51] **Int.Cl. B26D 1/28 (2006.01)**
[25] EN
[54] **APPARATUS FOR CUTTING PIPE**
[54] **APPAREIL DE COUPE DE TUYAU**
[72] BRANDSTROM, RANDEL, CA
[71] BRANDSTROM, RANDEL, CA
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Demandes PCT entrant en phase nationale

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[25] EN
[54] **ERYTHROPOIETIN RECEPTOR MODIFIED ELECTRODE AND ITS PREPARATION METHOD AND APPLICATION**
[54] **ELECTRODE MODIFIEE DOTEE D'UN RECEPTEUR D'ERYTHROPOIETINE, SA METHODE DE PREPARATION ET SON APPLICATION**
[72] ZHANG, LIQUN, CN
[72] WANG, YUNXIA, CN
[72] FU, WEILING, CN
[71] FIRST AFFILIATED HOSPITAL, THIRD MILITARY MEDICAL UNIVERSITY, CHINESE PEOPLE'S LIBERATION ARMY, P.R. CHINA, CN
[85] 2013-03-06
[86] 2012-10-09 (PCT/CN2012/082621)
[87] (2809647)
[30] CN (201210328850.5) 2012-09-07

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[51] **Int.Cl. B62D 1/06 (2006.01) B62D 1/04 (2006.01)**
[25] EN
[54] **STEERING WHEEL FOR A MOTOR VEHICLE AND METHOD FOR PRODUCING A STEERING WHEEL**
[54] **VOLANT POUR VEHICULE A MOTEUR, ET PROCEDE DE PRODUCTION D'UN VOLANT**
[72] PEKARI, CHRISTOPH, DE
[71] SCHIPEK GMBH, DE
[85] 2013-12-10
[86] 2012-06-14 (PCT/DE2012/100178)
[87] (WO2012/175075)
[30] DE (10 2011 104 994.4) 2011-06-22

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[25] EN
[54] **A HOUSING FOR AN ORAL HYGIENE AND MEDICATION DEVICE, AND AN ASSEMBLY THEREOF**
[54] **BOITIER POUR DISPOSITIF D'HYGIENE BUCCALE ET DE MEDICATION, ET ENSEMBLE CORRESPONDANT**
[72] HUXFORD, CATHERINE MARIA, NZ
[72] BROWN, BRADLEY ALLAN JAMES, NZ
[72] WILCOCK, PETER JOHN, NZ
[72] FIFIELD, JON LEONARD, NZ
[71] ISSACHAR LIMITED, NZ
[85] 2014-01-07
[86] 2012-07-27 (PCT/NZ2012/000130)
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[51] **Int.Cl. H04N 19/436 (2014.01) H04N 19/174 (2014.01) H04N 19/176 (2014.01) H04N 19/184 (2014.01)**
[25] EN
[54] **METHOD FOR DECODING VIDEO**
[54] **PROCEDE PERMETTANT DE DECODER DES DONNEES VIDEO**
[72] SEGALL, CHRISTOPHER ANDREW, US
[72] MISRA, KIRAN, US
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2014-01-22
[86] 2012-07-30 (PCT/JP2012/069924)
[87] (WO2013/018909)
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[51] **Int.Cl. F04B 49/06 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR CONTROLLING AND/OR REGULATING A FLUID CONVEYOR FOR CONVEYING A FLUID WITHIN A FLUID LINE**
[54] **PROCEDE ET DISPOSITIF DE COMMANDE OU DE REGULATION D'UN CIRCULATEUR DE FLUIDE POUR LA CIRCULATION D'UN FLUIDE A L'INTERIEUR D'UNE CONDUITE DE FLUIDE**
[72] DREBINGER, KONRAD, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2014-01-23
[86] 2012-07-11 (PCT/EP2012/063543)
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[30] DE (102011079732.7) 2011-07-25

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[51] **Int.Cl. C04B 7/02 (2006.01) C04B 7/52 (2006.01) C04B 28/18 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF A RAPID HYDRAULIC BINDER**
[54] **PROCEDE DE PRODUCTION D'UN LIANT HYDRAULIQUE RAPIDE**
[72] PARDAL, XIAOLIN, FR
[72] DION, PASCAL, FR
[71] LAFARGE, FR
[85] 2014-01-23
[86] 2012-07-13 (PCT/EP2012/063757)
[87] (WO2013/017391)
[30] FR (1157076) 2011-08-02

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[51] **Int.Cl. A47J 31/40 (2006.01) G07F 11/44 (2006.01) G07F 13/06 (2006.01)**
[25] EN
[54] **BEVERAGE DISPENSER WITH AUTOMATIC CLOSURE OF THE POWDER CONTAINERS CHUTES**
[54] **DISTRIBUTEUR DE BOISSON AYANT UNE FERMETURE AUTOMATIQUE DES GOULOTTES DE CONTENANT DE POUDRE**
[72] REY, CEDRIC, CH
[72] ZWICKER, SVEN, CH
[72] HESS, MICHEL, CH
[72] LARDELLI, SILVIO, CH
[71] NESTEC S.A., CH
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[86] 2012-07-18 (PCT/EP2012/064070)
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[54] **DISTRIBUTEUR DE BOISSON A OPERATION DE REMPLISSAGE AMELIOREE**
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[72] SCORRANO, LUCIO, CH
[72] ZSOLT, ALBERT, CH
[71] NESTEC S.A., CH
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[54] **CAPTEUR DE CONDUCTEUR AERIEN**
[72] PHILLIPS, ANDREW JOHN, US
[72] MAJOR, J. MARK, US
[72] LYNCH, ROBERT C., US
[72] HILL, KYLE, US
[72] HARRELL, SAM, US
[72] RUMMAGE, BRANDON, US
[71] ELECTRIC POWER RESEARCH INSTITUTE, INC., US
[85] 2014-01-23
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[54] **FILTER CLEANING APPARATUS**
[54] **DISPOSITIF DE NETTOYAGE POUR FILTRE**
[72] MURATA, ATSUSHI, JP
[72] YAMADA, EIICHI, JP
[72] FUKUMOTO, SHINJI, JP
[71] JAPAN OIL, GAS AND METALS NATIONAL CORPORATION, JP
[71] INPEX CORPORATION, JP
[71] JX NIPPON OIL & ENERGY CORPORATION, JP
[71] JAPAN PETROLEUM EXPLORATION CO., LTD., JP
[71] COSMO OIL CO., LTD., JP
[71] NIPPON STEEL & SUMIKIN ENGINEERING CO., LTD., JP
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[51] **Int.Cl. B01J 2/12 (2006.01) B01J 2/00 (2006.01)**
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[54] **COATING DEVICE**
[54] **DISPOSITIF DE REVETEMENT**
[72] HASEGAWA, KOJI, JP
[72] HOTTA, YASUHIRO, JP
[72] ENDOU, TAROU, JP
[72] FUKUDA, SHUICHIRO, JP
[72] UCHIDA, KAZUHIRO, JP
[72] TOMITA, YOSUKE, JP
[72] KAMADA, HITOSHI, JP
[72] WAKABAYASHI, KAZUNORI, JP
[72] KINOSHITA, NAOTOSHI, JP
[71] KABUSHIKI KAISHA POWREX, JP
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[51] **Int.Cl. E21B 47/10 (2012.01)**
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[54] **SYSTEMS AND METHODS FOR THE EVALUATION OF PASSIVE PRESSURE CONTAINMENT BARRIERS**
[54] **SYSTEMES ET PROCEDES POUR L'EVALUATION DE BARRIERES DE CONFINEMENT DE PRESSION PASSIVE**
[72] SWEATMAN, RONALD EARL, US
[72] MITCHELL, ROBERT FRANKLIN, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2014-01-24
[86] 2011-08-12 (PCT/US2011/047589)
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[51] **Int.Cl. G01N 21/25 (2006.01)**
[25] EN
[54] **SYSTEMS AND TOOLS FOR DETECTING RESTRICTED OR HAZARDOUS SUBSTANCES**
[54] **SYSTEMES ET OUTILS POUR DETECTER DES SUBSTANCES D'USAGE RESTREINT OU DANGEREUSES**
[72] HAY, RICHARD T., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-01-24
[86] 2011-09-20 (PCT/US2011/052286)
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[51] **Int.Cl. A61M 1/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLING OPERATION OF A REDUCED PRESSURE THERAPY SYSTEM**
[54] **SYSTEMES ET PROCEDES DE COMMANDE DU FONCTIONNEMENT D'UN SYSTEME DE THERAPIE PAR PRESSION REDUITE**
[72] ALLEN, JULIE, GB
[72] ASKEM, BEN ALAN, GB
[72] COLLINSON, SARAH JENNY, GB
[72] HUGHEY, RICHARD, US
[72] NICOLINI, DEREK, GB
[71] SMITH & NEPHEW PLC, GB
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[54] **SCISSOR LIFT PALLET LIFTER**
[54] **CHARIOT ELEVATEUR POUR PALETTES A PLATEFORME ELEVATRICE**
[72] TAYLOR, CURTIS, US
[72] MISENER, AARON, US
[71] LIFT2SELL, LLC, US
[85] 2014-01-24
[86] 2012-01-12 (PCT/US2012/021039)
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[25] EN
[54] **CORTICOSTEROIDS FOR THE TREATMENT OF JOINT PAIN**
[54] **CORTICOSTEROIDES DESTINES A TRAITER UNE DOULEUR ARTICULAIRE**
[72] BODICK, NEIL, US
[72] BLANKS, ROBERT C., US
[72] KUMAR, ANJALI, US
[72] CLAYMAN, MICHAEL D., US
[72] MORAN, MARK, US
[71] FLEXION THERAPEUTICS, INC., US
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[86] 2012-02-08 (PCT/US2012/024240)
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[51] **Int.Cl. G01R 33/02 (2006.01)**
[25] EN
[54] **FIBER OPTIC MAGNETIC FLUX SENSOR FOR APPLICATION IN HIGH VOLTAGE GENERATOR STATOR BARS**
[54] **CAPTEUR DE FLUX MAGNETIQUE A FIBRE OPTIQUE POUR APPLICATIONS DANS DES BARRES DE STATOR DE GENERATEURS A HAUTE TENSION**
[72] TWERDOCHLIB, MICHAEL, US
[72] ABROMITIS, ERIK, US
[71] SIEMENS ENERGY, INC., US
[85] 2014-01-24
[86] 2012-06-27 (PCT/US2012/044330)
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[25] EN
[54] **METHODS AND DEVICES FOR HEATING OR COOLING VISCOUS MATERIALS**
[54] **PROCEDES ET DISPOSITIFS POUR CHAUFFER OU REFROIDIR DES MATERIAUX VISQUEUX**
[72] CULLY, KEVIN J., US
[72] BRINKMANN, ANDREW JOSEPH, US
[72] NASH, RONALD LEE, US
[72] SHORT, WILLIAM D., US
[72] LORRAINE, TRENT C., US
[72] HANKINS, JERRY J., US
[71] NESTEC S.A., CH
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[51] **Int.Cl. F28D 9/00 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR HEATING OR COOLING VISCOUS MATERIALS**
[54] **PROCEDES ET DISPOSITIFS DE CHAUFFAGE OU DE REFROIDISSEMENT DE MATIERES VISQUEUSES**
[72] CULLY, KEVIN J., US
[71] NESTEC S.A., CH
[85] 2014-01-24
[86] 2012-06-29 (PCT/US2012/044933)
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[25] EN
[54] **LAMP ASSEMBLY AND CIRCUITS FOR PROTECTION AGAINST MISWIRING IN A LAMP CONTROLLER**
[54] **ENSEMBLE DE LAMPES ET CIRCUITS DE PROTECTION CONTRE LES ERREURS DE RACCORDEMENT**
[72] YAO, GANG, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2014-01-24
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[51] **Int.Cl. A61K 9/00 (2006.01) A61P 19/08 (2006.01)**
[25] EN
[54] **FUNCTIONALIZED CALCIUM PHOSPHATE ARTIFICIAL BONE AND JOINT COMPOSITIONS AND METHODS OF USE AND MANUFACTURE**
[54] **COMPOSITIONS D'OS ET D'ARTICULATION ARTIFICIELS A BASE DE PHOSPHATE DE CALCIUM FONCTIONNALISE ET LEURS PROCEDES D'UTILISATION ET DE FABRICATION**
[72] MCGOWAN, KENNETH A., US
[72] GAWALT, ELLEN S., US
[72] PALCHESKO, RACHELLE, US
[71] CABERTECH, INC., US
[71] DUQUESNE UNIVERSITY OF THE HOLY SPIRIT, US
[85] 2014-01-24
[86] 2012-07-12 (PCT/US2012/046444)
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[25] EN
[54] **DEVICES AND METHODS FOR TRANSNASAL DILATION AND IRRIGATION OF THE SINUSES**
[54] **DISPOSITIFS ET PROCEDES DE DILATATION ET D'IRRIGATION TRANSNASALES DES SINUS**
[72] CHOW, MINA WAI-BING, US
[72] HA, HUNG V., US
[72] MUNI, KETAN P., US
[72] GOLDFARB, ERIC A., US
[71] ACCLARENT, INC., US
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[51] **Int.Cl. A61M 16/04 (2006.01) A61M 29/02 (2006.01)**
[25] EN
[54] **IMPROVED DEVICE AND METHOD FOR DILATING AN AIRWAY STENOSIS**
[54] **DISPOSITIF ET PROCEDE AMELIORES DE DILATATION D'UNE STENOSE DES VOIES RESPIRATOIRES**
[72] MUNI, KETAN P., US
[72] CHAN, RANDY S., US
[72] LAM, SIVETTE, US
[72] RANADE, SHRIRANG V., US
[71] ACCLARENT, INC., US
[85] 2014-01-24
[86] 2012-07-18 (PCT/US2012/047148)
[87] (WO2013/016094)
[30] US (61/512,673) 2011-07-28

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[25] EN
[54] **PERSONALIZABLE SYSTEM AND METHOD FOR ANESTHETIZING THE TYMPANIC MEMBRANE**
[54] **SYSTEME PERSONNALISABLE ET METHODE PERMETTANT D'ANESTHESIER LA MEMBRANE TYMPANIQUE**
[72] ANDREAS, BERNARD H., US
[72] SALEKI, MANSOUR, US
[72] GIROTRA, ROHIT, US
[72] CANTU, ALFREDO, US
[72] BHAT, NIKHIL, US
[71] ACCLARENT, INC., US
[85] 2014-01-24
[86] 2012-07-18 (PCT/US2012/047179)
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[30] US (61/511,270) 2011-07-25

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[51] **Int.Cl. A61M 39/10 (2006.01)**
[25] FR
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[54] **CONNECTEURS A FLUX DIRECT ANTI-GOUTTE ET A VERROUILLAGE SECURISE**
[72] CARREZ, JEAN-LUC, FR
[72] BARRE, LAURENT, FR
[72] PECH, MARIE-HELENE, FR
[71] VYGON, FR
[85] 2014-01-24
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[51] **Int.Cl. A45C 11/00 (2006.01)**
[25] EN
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[54] **BOITIER DE SECURITE POUR UN ORDINATEUR PORTABLE**
[72] HOMMEL, PETER, DE
[72] LIEBE, JORG, DE
[71] LUFTHANSA SYSTEMS AG, DE
[85] 2014-01-23
[86] 2012-07-24 (PCT/EP2012/064500)
[87] (WO2013/017477)
[30] DE (20 2011 103 813.4) 2011-07-29

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[51] **Int.Cl. H04W 72/12 (2009.01) H04W 16/14 (2009.01)**
[25] EN
[54] **ENHANCEMENT OF IN-DEVICE COEXISTENCE INTERFERENCE AVOIDANCE**
[54] **EVITEMENT RENFORCE DE BROUILLAGE DE COEXISTENCE INTRA-DISPOSITIF**
[72] KOO, CHANGHOI, US
[72] LI, JUN, US
[72] CAI, ZHIJUN, US
[71] BLACKBERRY LIMITED, CA
[85] 2014-01-27
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[51] **Int.Cl. A61F 9/00 (2006.01)**
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[54] **INTRAOCULAR INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION INTRA-OCULAIRE**
[72] MICA, ANDREA, GB
[72] HEIGHTON, DAVID, GB
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2014-01-27
[86] 2012-08-30 (PCT/EP2012/066856)
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[25] EN
[54] **NEW THIO DERIVATIVES BEARING LACTAMS AS POTENT HDAC INHIBITORS AND THEIR USES AS MEDICAMENTS**
[54] **NOUVEAUX DERIVES THIO PORTANT DES LACTAMES EN TANT QU'INHIBITEURS PUISSANTS D'HDAC, ET LEURS UTILISATIONS EN TANT QUE MEDICAMENTS**
[72] GIANNINI, GIUSEPPE, IT
[72] CABRI, WALTER, IT
[72] BATTISTUZZI, GIANFRANCO, IT
[72] VIGNOLA, DAVIDE, IT
[72] FANTO', NICOLA, IT
[72] PISANO, CLAUDIO, IT
[72] VESCI, LOREDANA, IT
[71] SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A., IT
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[86] 2012-09-17 (PCT/EP2012/068230)
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[51] **Int.Cl. B29C 45/00 (2006.01) B29C 45/34 (2006.01) B65D 47/08 (2006.01) B65D 47/20 (2006.01)**
[25] EN
[54] **INJECTION MOULDING PLASTIC COMPONENTS WITH A SLIT**
[54] **MOULAGE PAR INJECTION D'ELEMENTS EN PLASTIQUE MUNIS D'UNE FENTE**
[72] SMITH, MATTHEW ERIC, GB
[71] CARBONITE CORPORATION, PA
[85] 2014-01-27
[86] 2012-07-25 (PCT/GB2012/000615)
[87] (WO2013/014412)
[30] GB (1113097.8) 2011-07-28

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[51] **Int.Cl. A01K 67/027 (2006.01) C12N 9/12 (2006.01)**
[25] EN
[54] **PIK3CA H1047R KNOCK-IN NON-HUMAN ANIMAL BREAST CANCER MODEL**
[54] **MODELE DE CANCER DU SEIN D'ANIMAL NON HUMAIN KNOCK-IN PIK3CA H1047R**
[72] SESHAGIRI, SOMASEKAR, US
[71] GENENTECH, INC., US
[85] 2014-01-27
[86] 2012-07-26 (PCT/US2012/000336)
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[51] **Int.Cl. A61M 5/20 (2006.01) A61J 1/20 (2006.01) A61M 5/24 (2006.01)**
[25] EN
[54] **AUTOMATIC MIXING DEVICE AND DELIVERY SYSTEM**
[54] **DISPOSITIF MELANGEUR AUTOMATIQUE ET SYSTEME DE DISTRIBUTION**
[72] BUCHINE, BRENT, US
[72] STEPANIAN, CHRISTOPHER, US
[72] NAVARRO, RALPH, US
[72] STANDLEY, ADAM RICHARD, US
[71] BUCHINE, BRENT, US
[71] STEPANIAN, CHRISTOPHER, US
[71] NAVARRO, RALPH, US
[71] STANDLEY, ADAM RICHARD, US
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[30] US (61/499,676) 2011-06-21
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[51] **Int.Cl. H04L 12/14 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **DEFERRED TRANSFER OF CONTENT TO OPTIMIZE BANDWIDTH USAGE**
[54] **TRANSFERT DE CONTENU DIFFERE POUR OPTIMISER L'UTILISATION DE BANDE PASSANTE**
[72] VENUGOPAL, AJITH, IN
[72] RAMACHANDRAN, ANITA, IN
[71] GENERAL INSTRUMENT CORPORATION, US
[85] 2014-01-27
[86] 2012-06-25 (PCT/US2012/043990)
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[51] **Int.Cl. G01N 21/35 (2014.01) G01N 11/00 (2006.01) G01N 33/22 (2006.01)**
[25] EN
[54] **ESTIMATING OIL VISCOSITY**
[54] **ESTIMATION DE VISCOSITE D'HUILE**
[72] INDO, KENTARO, US
[72] ZENG, HUANG, CA
[72] CHENG, YUESHENG, CA
[72] ABIVIN, PATRICE, US
[71] SCHLUMBERGER CANADA LIMITED, CA
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[30] US (61/512,242) 2011-07-27

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[25] EN
[54] **N-(IMIDAZOLIDIN-2-YLIDENE)-HETEROCYCLOPENTA[B]PYRIDINE DERIVATIVES AS MODULATORS OF ALPHA 2 ADRENERGIC RECEPTORS**
[54] **DERIVES DE N-(IMIDAZOLIDIN-2-YLIDENE)HETEROCYCLOPENTA[B]PYRIDINE UTILISES COMME MODULATEURS DES RECEPTEURS ADRENERGIQUES ALPHA-2**
[72] SINHA, SANTOSH C., US
[72] WANG, LIMING, US
[72] CHOW, KEN, US
[72] DIBAS, MOHAMMED I., US
[72] GARST, MICHAEL E., US
[71] ALLERGAN, INC., US
[85] 2014-01-27
[86] 2012-07-11 (PCT/US2012/046161)
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[30] US (61/511,372) 2011-07-25

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[25] EN
[54] **PROCESS FOR THE PRODUCTION OF A RHEOLOGY MODIFIER CONTAINING COMPOSITION**
[54] **PROCEDE D'OBTENTION D'UNE COMPOSITION CONTENANT UN MODIFICATEUR DE RHEOLOGIE**
[72] JONES, CHRISTOPHER STEPHEN, BE
[72] YALDIZKAYA, NURAY, BE
[72] PINNA, RAFFAELE, BE
[72] TIDEMAN, JEROEN, BE
[72] KEULEERS, ROBBY RENILDE FRANCOIS, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-01-27
[86] 2012-07-13 (PCT/US2012/046655)
[87] (WO2013/016029)
[30] US (61/512,127) 2011-07-27
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[51] **Int.Cl. A47G 9/10 (2006.01) A61F 5/56 (2006.01)**
[25] EN
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[54] **APPUI-TETE A PROTECTEUR DE BRAS**
[72] MOORE, PHILIP, GB
[71] MOORE, PHILIP, GB
[71] MOORE, JAMES, GB
[85] 2014-01-27
[86] 2012-07-27 (PCT/GB2012/000621)
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[30] GB (1113055.6) 2011-07-29

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[51] **Int.Cl. C11D 17/00 (2006.01)**
[25] EN
[54] **MULTIPHASE LIQUID DETERGENT COMPOSITION**
[54] **COMPOSITION DE DETERGENT LIQUIDE POLYPHASIQUE**
[72] BETTIOL, JEAN-LUC PHILLIPPE, BE
[72] DECRAENE, KATRIEN, BE
[72] EVERS, MARC FRANCOIS THEOPHILE, BE
[72] BRAECKMAN, KARL GHISLAIN, BE
[72] VAN OVERSTRAETE, BJORN, BE
[72] KEULEERS, ROBBY RENILDE FRANCOISE, BE
[72] CLARKE, JOANNA MARGARET, CN
[72] ROSMANINHO, ROXANE, BE
[72] PINNA, RAFFAELE, BE
[72] JONES, CHRISTOPHER STEPHEN, BE
[71] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **MULTIPHASE LIQUID DETERGENT COMPOSITION**
[54] **COMPOSITION DE DETERGENT LIQUIDE POLYPHASIQUE**
[72] BETTIOL, JEAN-LUC PHILIPPE, BE
[72] DECRAENE, KATRIEN, BE
[72] EVERS, MARC FRANCOIS THEOPHILE, BE
[72] BRAECKMAN, KARL GHISLAIN, BE
[72] VAN OVERSTRAETE, BJORN, BE
[72] KEULEERS, ROBBY RENILDE FRANCOIS, BE
[72] CLARKE, JOANNA MARGARET, CN
[72] ROSMANINHO, ROXANE, BE
[72] PINNA, RAFFAELE, BE
[72] JONES, CHRISTOPHER STEPHEN, BE
[71] THE PROCTER & GAMBLE COMPANY, US
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[51] **Int.Cl. E21B 17/043 (2006.01) E21B 17/06 (2006.01) E21B 19/18 (2006.01)**
[25] EN
[54] **RESETTABLE LOCK FOR A SUBTERRANEAN TOOL**
[54] **ELEMENT DE VERROUILLAGE REAJUSTABLE POUR UN OUTIL SOUTERRAIN**
[72] CROW, STEPHEN L., US
[72] GUIDRY, CHRISTOPHER W., US
[72] HERED, WILLIAM A., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2014-01-27
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[25] EN
[54] **DECODING DEVICE, DECODING METHOD, ENCODING DEVICE, ENCODING METHOD, AND PROGRAM**
[54] **DISPOSITIF ET PROCEDE DE DECODAGE, DISPOSITIF ET PROCEDE DE CODAGE ET PROGRAMME**
[72] HATANAKA, MITSUYUKI, JP
[72] CHINEN, TORU, JP
[71] SONY CORPORATION, JP
[85] 2014-01-27
[86] 2013-06-24 (PCT/JP2013/067231)
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[25] EN
[54] **PERIPHERALLY RESTRICTED FAAH INHIBITORS**
[54] **INHIBITEURS DE LA FAAH A RESTRICTION PERIPHERIQUE**
[72] PIOMELLI, DANIELE, US
[72] CLAPPER, JASON, R., US
[72] MORENO-SANZ, GUILLERMO, US
[72] DURANTI, ANDREA, IT
[72] TONTINI, ANDREA, IT
[72] MOR, MARCO, IT
[72] TARZIA, GIORGIO, IT
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] UNIVERSITA DEGLI STUDI DI URBINO "CARLO BO", IT
[71] UNIVERSITA' DEGLI STUDI DI PARMA, IT
[85] 2014-01-27
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[25] EN
[54] **SPRAY HEAD ASSEMBLY WITH INTEGRATED AIR CAP/NOZZLE FOR A LIQUID SPRAY GUN**
[54] **ENSEMBLE DE TETE DE PULVERISATION A BUSE/CAPUCHON D'AIR INTEGRE POUR UN PISTOLET DE PULVERISATION DE LIQUIDE**
[72] JOHNSON, ERIK J., US
[72] JOSEPH, STEPHEN C.P., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2014-01-27
[86] 2012-07-26 (PCT/US2012/048223)
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[25] EN
[54] **TWO PART FORMULATION SYSTEM FOR OPHTHALMIC DELIVERY**
[54] **SYSTEME DE FORMULATION EN DEUX PARTIE POUR ADMINISTRATION OPHTALMIQUE**
[72] GORE, ANURADHA V., US
[72] SHANKAR, SAI, US
[72] LIKITLERSUANG, SUKHON, US
[72] PUJARA, CHETAN P., US
[72] NEERVANNAN, SESHA, US
[71] ALLERGAN, INC., US
[85] 2014-01-27
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[25] EN
[54] **FORTIFIED MILK-BASED NUTRITIONAL COMPOSITIONS**
[54] **COMPOSITIONS NUTRITIONNELLES A BASE DE LAIT FORTIFIE**
[72] LIPPMAN, HUGH, US
[72] GAYGADZHIEV, ZAFIR, US
[72] O'RISKY, LINDA, US
[72] WEIR, CATHY, US
[71] MJN U.S. HOLDINGS LLC, US
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[51] **Int.Cl. E21B 33/08 (2006.01) E21B 17/10 (2006.01)**
[25] EN
[54] **FRICTION REDUCTION DEVICE FOR DRILL PIPE**
[54] **DISPOSITIF DE REDUCTION DE FROTTEMENT POUR TUYAU DE FORAGE**
[72] HOLTZMAN, KEITH E., US
[72] JEFFRIES, STUART MAXWELL, US
[72] CLINGMAN, PHILLIP FLOYD, US
[72] ASHBAUGH, JACK, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. A61F 2/76 (2006.01) A61F 2/24 (2006.01) A61M 29/02 (2006.01) A61M 39/22 (2006.01)**
[25] EN
[54] **DELIVERY SYSTEMS FOR PROSTHETIC HEART VALVE**
[54] **SYSTEMES DE POSE DE VALVULE PROTHETIQUE**
[72] LEE, WALTER, US
[72] DEHDASHTIAN, MARK, US
[72] JIMENEZ, TEODORO S., US
[72] LEUNG, GILBERT S., US
[72] JANISH, BRYAN, US
[72] VALDEZ, MICHAEL G., US
[72] NGUYEN, TRAM, US
[72] ULRICH, TIMOTHY C., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2014-01-27
[86] 2012-07-27 (PCT/US2012/048637)
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[30] US (13/559,395) 2012-07-26

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[25] EN
[54] **METHOD FOR PROVISIONING CRYPTOGRAPHIC KEYS DURING MANUFACTURING**
[54] **PROCEDE PERMETTANT DE FOURNIR DES CLES CRYPTOGRAPHIQUES LORS DE LA FABRICATION**
[72] CAMPAGNA, MATTHEW JOHN, US
[72] BOWMAN, ROGER PAUL, CA
[72] LAMB, BRIAN, CA
[72] LAMBERT, ROBERT JOHN, CA
[72] WOOD, ROBERT HENDERSON, CA
[71] CERTICOM CORP., CA
[71] BLACKBERRY LIMITED, CA
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[25] EN
[54] **SECURITY SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SECURITE**
[72] SHAPIRO, STEVEN, US
[72] NORTH, RAYMOND, US
[72] RADER, TIMOTHY ALBERT, US
[72] PERDOMO, JORGE, US
[72] ROUSE, ANNE-MARIE, US
[72] BLACK, JAMES TIMOTHY, US
[71] ADT US HOLDING, INC., US
[85] 2014-01-27
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[25] EN
[54] **N,N-DIALKYLALKYLENYL ESTERS, COMPOSITIONS THEREOF, AND METHODS FOR USE THEREOF**
[54] **ESTERS N,N-DIALKYLALKYLENIQUES, LEURS COMPOSITIONS ET LEURS PROCEDES D'UTILISATION**
[72] BURK, ROBERT M., US
[72] OLD, DAVID W., US
[71] ALLERGAN, INC., US
[85] 2014-01-27
[86] 2012-07-27 (PCT/US2012/048662)
[87] (WO2013/016677)
[30] US (61/512,119) 2011-07-27

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[25] EN
[54] **SYNTHETIC NANOCARRIERS THAT GENERATE HUMORAL AND CYTOTOXIC T LYMPHOCYTE (CTL) IMMUNE RESPONSES**
[54] **NANOSUPPORTS SYNTHETIQUES QUI GENERENT DES REPONSES IMMUNITAIRES HUMORALES ET DE LYMPHOCYTES T CYTOTOXIQUES (LTC)**
[72] ALTREUTER, DAVID H., US
[72] O'NEIL, CONLIN, US
[72] ILYINSKII, PETR, US
[71] SELECTA BIOSCIENCES, INC., US
[85] 2014-01-27
[86] 2012-07-27 (PCT/US2012/048670)
[87] (WO2013/019669)
[30] US (61/513,527) 2011-07-29
[30] US (61/513,496) 2011-07-29
[30] US (61/513,526) 2011-07-29

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[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/76 (2006.01) A61M 29/02 (2006.01) A61M 39/22 (2006.01)**
[25] EN
[54] **DELIVERY SYSTEMS FOR PROSTHETIC HEART VALVE**
[54] **SYSTEMES DE PLACEMENT POUR VALVULE CARDIAQUE PROSTHETIQUE**
[72] TRAN, TRI D., US
[72] CAYABYAB, RONALDO, US
[72] EVANS, DAVID J., US
[72] CHOW, SEAN, US
[72] CHIA, CHRISTOPHER, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2014-01-27
[86] 2012-07-27 (PCT/US2012/048678)
[87] (WO2013/016681)
[30] US (61/512,328) 2011-07-27
[30] US (13/559,284) 2012-07-26

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[25] EN
[54] **BOVINE POLYCLONAL ANTIBODY SPECIFIC FOR HUMAN TNF**
[54] **ANTICORPS POLYCLONAL BOVIN SPECIFIQUE DU TNF HUMAIN**
[72] FOX, BARBARA S., US
[72] BOSTWICK, EILEEN F., US
[72] TRACEY, DANIEL E., US
[72] SCHLEHUBER, LISA D., US
[72] QUESENBERRY, MICHAEL S., US
[71] AVAXIA BIOLOGICS, INC., US
[85] 2014-01-27
[86] 2012-08-01 (PCT/US2012/049207)
[87] (WO2013/019889)
[30] US (61/513,872) 2011-08-01
[30] US (13/402,527) 2012-02-22
[30] US (PCT/US2012/026112) 2012-02-22

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[13] A1
[51] **Int.Cl. H04L 12/733 (2013.01) H04L 12/44 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR RESILIENT ROUTING OF CONTROL TRAFFIC IN A SPLIT-ARCHITECTURE SYSTEM**
[54] **PROCEDE ET APPAREIL PERMETTANT UN ROUTAGE FLEXIBLE D'UN TRAFIC DE CONTROLE DANS UN SYSTEME A ARCHITECTURE DIVISEE**
[72] BEHESHTI-ZAVAREH, NEDA, US
[72] ZHANG, YING, US
[71] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2014-01-28
[86] 2012-07-18 (PCT/IB2012/053665)
[87] (WO2013/017979)
[30] US (61/513,140) 2011-07-29
[30] US (13/294,559) 2011-11-11

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[13] A1
[51] **Int.Cl. H04L 12/733 (2013.01) H04L 12/44 (2006.01)**
[25] EN
[54] **RESILIENCY-AWARE HYBRID DESIGN OF CONTROLLER-SWITCH CONNECTIVITY IN A SPLIT-ARCHITECTURE SYSTEM**
[54] **CONCEPTION HYBRIDE SENSIBLE A LA FLEXIBILITE D'UNE CONNECTIVITE ENTRE UN DISPOSITIF DE COMMANDE ET UN COMMUTATEUR DANS UN SYSTEME A ARCHITECTURE DIVISEE**
[72] BEHESHTI-ZAVAREH, NEDA, US
[72] ZHANG, YING, US
[71] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2014-01-28
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[87] (WO2013/017980)
[30] US (61/513,140) 2011-07-29
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[13] A1
[51] **Int.Cl. C09K 8/504 (2006.01) C09K 8/514 (2006.01) C09K 8/518 (2006.01) C09K 8/588 (2006.01) C09K 8/592 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING MINERAL OIL FROM AN UNDERGROUND DEPOSIT**
[54] **PROCEDE DE PRODUCTION DE PETROLE A PARTIR D'UN GISEMENT SOUTERRAIN**
[72] STEHLE, VLADIMIR, DE
[72] LEONHARDT, BERND, DE
[72] WENZKE, BENJAMIN, DE
[71] WINTERSHALL HOLDING GMBH, DE
[85] 2014-01-28
[86] 2012-10-02 (PCT/EP2012/069450)
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[30] EP (11183814.0) 2011-10-04

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[13] A1
[51] **Int.Cl. H04W 76/04 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR VOICE CALL SETUP FROM A PCH OR FACH STATE**
[54] **PROCEDE ET SYSTEME POUR ETABLIR UN APPEL VOCAL A PARTIR D'UN ETAT PCH OU FACH**
[72] FARNSWORTH, ANDREW, GB
[72] SINGH, VAIBHAV, GB
[72] ISLAM, MUHAMMAD KHALEDUL, CA
[72] EKICI, OZGUR, CA
[71] BLACKBERRY LIMITED, CA
[85] 2014-01-28
[86] 2012-07-27 (PCT/CA2012/000705)
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[30] US (61/513,383) 2011-07-29

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[13] A1
[51] **Int.Cl. B60Q 3/02 (2006.01) B32B 17/10 (2006.01) B60J 1/00 (2006.01) B60Q 3/00 (2006.01) F21V 19/00 (2006.01) G02B 6/00 (2006.01)**
[25] FR
[54] **ILLUMINATED GLASS PANEL FOR A VEHICLE, AND MANUFACTURE THEREOF**
[54] **VITRAGE LUMINEUX DE VEHICULE, FABRICATION**
[72] BAUERLE, PASCAL, FR
[72] VERRAT-DEBAILLEUL, ADELE, FR
[72] KLEO, CHRISTOPHE, FR
[72] LAMOUREUX, LAURENT, FR
[72] LEFEVRE, PASCAL, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2014-01-28
[86] 2012-07-30 (PCT/FR2012/051792)
[87] (WO2013/017790)
[30] FR (1157011) 2011-07-29

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[51] **Int.Cl. G02B 6/00 (2006.01) B32B 17/10 (2006.01) F21V 31/00 (2006.01)**
[25] FR
[54] **LUMINOUS GLAZING UNIT FOR VEHICLE, MANUFACTURE THEREOF**
[54] **VITRAGE LUMINEUX DE VEHICULE, FABRICATIONS**
[72] RICHARD, ALEXANDRE, FR
[72] GRANDGIRARD, BASTIEN, FR
[72] VERRAT-DEBAILLEUL, ADELE, FR
[72] KLEO, CHRISTOPHE, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[86] 2012-07-30 (PCT/FR2012/051793)
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[30] FR (1157012) 2011-07-29

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[51] **Int.Cl. H01Q 9/04 (2006.01) G03F 7/20 (2006.01) G03F 7/26 (2006.01) H01Q 13/18 (2006.01)**
[25] EN
[54] **POLYMER-BASED RESONATOR ANTENNAS**
[54] **ANTENNES A RESONATEUR A BASE DE POLYMERE**
[72] RASHIDIAN, ATABAK, CA
[72] KLYMYSHYN, DAVID, CA
[72] TAYFEH ALIGODARZ, MOHAMMADREZA, CA
[72] ACHENBACH, SVEN CARSTEN, CA
[72] BORNER, MARTIN WILFRIED, DE
[71] UNIVERSITY OF SASKATCHEWAN, CA
[71] KARLSRUHER INSTITUT FUR TECHNOLOGIE, DE
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[86] 2012-06-11 (PCT/CA2012/050391)
[87] (WO2013/016815)
[30] US (61/513,354) 2011-07-29

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[51] **Int.Cl. F23D 14/14 (2006.01) F23D 14/12 (2006.01) F23D 14/16 (2006.01) F23D 14/76 (2006.01)**
[25] EN
[54] **INFRARED RAY GAS BURNER WITH WINDPROOF FUNCTION**
[54] **BRULEUR A GAZ A INFRAROUGE AYANT UNE FONCTION DE PROTECTION CONTRE LE VENT**
[72] LIU, YANCHUN, CN
[72] WEN, JIEQIANG, CN
[72] ZHANG, QUANSHENG, CN
[72] XIE, JINFENG, CN
[72] CHEN, SHUIHUI, CN
[72] HOU, LAIGUANG, CN
[72] DU, DONGDONG, CN
[71] GUANG ZHOU REDSUN SPECIAL CERAMICS CO., LTD., CN
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[87] (WO2013/152581)
[30] CN (201210110808.6) 2012-04-13

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[51] **Int.Cl. B63B 35/81 (2006.01)**
[25] EN
[54] **TOWING EQUIPMENT**
[54] **EQUIPEMENT DE TRACTION**
[72] WEISS, NORMAN, IT
[71] WEISS, NORMAN, IT
[85] 2014-01-28
[86] 2011-07-11 (PCT/EP2011/003456)
[87] (WO2012/022400)
[30] IT (VR 2010 A 000169) 2010-08-14
[30] US (12/978,291) 2010-12-23

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[13] A1
[51] **Int.Cl. F04B 7/06 (2006.01) F02M 59/44 (2006.01) F04B 15/04 (2006.01) F04B 53/14 (2006.01)**
[25] EN
[54] **CERAMIC PLUNGER WITH AT LEAST ONE CONTROL ELEMENT**
[54] **PISTON EN CERAMIQUE COMPRENANT AU MOINS UN ELEMENT DE COMMANDE**
[72] VON DER OSTEN-SACK, ANDREAS, DE
[71] CATERPILLAR MOTOREN GMBH & CO. KG, DE
[85] 2014-01-28
[86] 2012-07-11 (PCT/EP2012/002925)
[87] (WO2013/017196)
[30] EP (11176050.0) 2011-07-29

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[13] A1
[51] **Int.Cl. C07H 21/04 (2006.01) C12N 15/10 (2006.01) C12P 19/34 (2006.01) C12Q 1/68 (2006.01) C12Q 1/70 (2006.01)**
[25] EN
[54] **ASSAY FOR DETECTION OF JC VIRUS DNA**
[54] **DOSAGE POUR LA DETECTION DE L'ADN DU VIRUS JC**
[72] RAY, SOMA, US
[71] BIOGEN IDEC MA INC., US
[85] 2014-01-28
[86] 2012-07-27 (PCT/US2012/048629)
[87] (WO2013/019651)
[30] US (61/513,483) 2011-07-29

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[13] A1
[51] **Int.Cl. C07J 71/00 (2006.01) A61K 31/58 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **NOVEL 17.BETA.-HETEROARYL-SUBSTITUTED STEROIDS AS MODULATORS OF GABA A RECEPTORS**
[54] **NOUVEAUX STEROIDES SUBSTITUES EN 17? PAR UN HETEROARYLE, CAPABLES DE MODULER LES RECEPTEURS GABAA**
[72] HOGENKAMP, DERK J., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2014-01-28
[86] 2012-07-30 (PCT/US2012/048816)
[87] (WO2013/019711)
[30] US (61/513,059) 2011-07-29

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[13] A1
[51] **Int.Cl. G10H 1/36 (2006.01) G10H 1/38 (2006.01) H04R 3/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PRODUCING A MORE HARMONIOUS MUSICAL ACCOMPANIMENT AND FOR APPLYING A CHAIN OF EFFECTS TO A MUSICAL COMPOSITION**
[54] **SYSTEME ET PROCEDE DE PRODUCTION D'UN ACCOMPAGNEMENT MUSICAL PLUS HARMONIEUX ET D'APPLICATION D'UNE CHAINE D'EFFETS A UNE COMPOSITION MUSICALE**
[72] SERLETIC, MATT, US
[72] GROVES, RYAN, US
[72] MYNAMPATI, VAMSI, US
[72] RASSOOL, REZA, US
[72] WOODWARD, PATRICK, US
[72] CAPODIECI, FRANK, US
[71] MUSIC MASTERMIND, INC., US
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[54] **SIZING COMPOSITIONS AND METHODS OF THEIR USE**
[54] **COMPOSITIONS D'ENSIMAGE ET LEURS PROCEDES D'UTILISATION**
[72] CEUGNIET, CLAIRE GENEVIEVE, FR
[72] LOMBINO, DINO, FR
[71] OCV INTELLECTUAL CAPITAL, LLC, US
[85] 2014-01-28
[86] 2012-07-31 (PCT/US2012/048935)
[87] (WO2013/019773)
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[54] **SIZING COMPOSITIONS AND METHODS OF THEIR USE**
[54] **COMPOSITIONS D'ENCOLLAGE ET LEURS PROCEDES D'UTILISATION**
[72] GARESIO, FLORENCE, FR
[72] MOIREAU, PATRICK, FR
[71] OCV INTELLECTUAL CAPITAL, LLC, US
[85] 2014-01-28
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[54] **ALLOCATING BACKHAUL RESOURCES**
[54] **ALLOCATIONS DE RESSOURCES DE LIAISON TERRESTRE**
[72] YU, YI, US
[72] SONG, YI, US
[72] BONTU, CHANDRA SEKHAR, CA
[72] HU, ROSE, US
[72] CAI, ZHIJUN, US
[71] BLACKBERRY LIMITED, CA
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[86] 2012-08-03 (PCT/US2012/049609)
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[25] EN
[54] **RAPID, MASSIVELY PARALLEL SINGLE-CELL DRUG RESPONSE MEASUREMENTS VIA LIVE CELL INTERFEROMETRY**
[54] **MESURES RAPIDES MASSIVEMENT PARALLELES DE REPONSE A UN MEDICAMENT UNICELLULAIRE VIA L'INTERFEROMETRIE DE CELLULES VIVANTES**
[72] REED, JASON C., US
[72] TEITELL, MICHAEL A., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2014-01-28
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[25] EN
[54] **ACTIVE LEARNING SYSTEM, METHOD, BOARD GAME AND CARD GAMES, GAME BOARD AND PLAYING CARDS FOR USE THEREWITH**
[54] **SYSTEME D'APPRENTISSAGE ACTIF, PROCEDE, JEU DE PLATEAU ET JEUX DE CARTES, PLATEAU DE JEU ET CARTES A JOUER DESTINES A ETRE UTILISES AVEC CEUX-CI**
[72] PULYASSARY, RAVINDRAN, CA
[72] MARATH, AJITHA, CA
[71] PULYASSARY, RAVINDRAN, CA
[71] MARATH, AJITHA, CA
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[54] **SYSTEMES ET PROCEDES DE PATHOLOGIE NUMERIQUE**
[72] MEISSNER, MICHAEL, US
[72] VENUGOPAL, RAGHAVAN, US
[72] STONE, RONALD, US
[71] OMNYX, LLC, US
[85] 2014-01-22
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[54] **SYSTEM AND METHOD FOR PERFORMING WELLBORE FRACTURE OPERATIONS**
[54] **SYSTEME ET PROCEDE D'EXECUTION D'OPERATIONS DE FRACTURATION DANS UN PUITS DE FORAGE**
[72] COHEN, CHARLES-EDOUARD, US
[72] XU, WENYUE, US
[72] TARDY, PHILIPPE M.J., FR
[72] WENG, XIAOWEI, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2014-01-27
[86] 2012-07-30 (PCT/US2012/048871)
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[54] **BRAIN TUMOR TARGETING PEPTIDES AND METHODS**
[54] **PEPTIDES CIBLANT UNE TUMEUR CEREBRALE ET PROCEDES**
[72] ROBBINS, STEPHEN MARK, CA
[72] RAHN, JENNIFER, CA
[72] SENGER, DONNA LORRAINE, CA
[71] ARCH CANCER THERAPEUTICS, INC., CA
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[54] **POULTRY FEEDER WITH LEVEL SENSOR**
[54] **MANGEOIRE POUR VOLAILLES AVEC CAPTEUR DE NIVEAU**
[72] PICKENS, NATHAN, US
[71] THE GSI GROUP, LLC, US
[85] 2014-01-28
[86] 2012-08-08 (PCT/US2012/049921)
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[25] EN
[54] **REMOTE ACTIVATION OF SCISSOR LIFT CYLINDER PROP**
[54] **ACTIONNEMENT A DISTANCE D'ETAI DE VERIN DE PLATEFORME ELEVATRICE A CISEAUX**
[72] HOFFMAN, JOHN, US
[72] GREEN, BRIAN, US
[72] YOUNG, TROY, US
[72] SOLLERS, JESSE, US
[71] JLG INDUSTRIES, INC., US
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[51] **Int.Cl. G01N 33/49 (2006.01)**
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[54] **METHOD FOR DIAGNOSIS, PROGNOSIS OR TREATMENT OF ACUTE CORONARY SYNDROME (ACS) COMPRISING MEASUREMENT OF PLASMA CONCENTRATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR (MIF)**
[54] **PROCEDE POUR LE DIAGNOSTIC, LE PRONOSTIC OU LE TRAITEMENT DU SYNDROME CORONARIEN AIGU (SCA) COMPRENANT LA MESURE DE LA CONCENTRATION PLASMATIQUE DE FACTEUR INHIBITEUR DE MIGRATION DES MACROPHAGES (MIF)**
[72] DART, ANTHONY, AU
[71] ALFRED HEALTH, AU
[71] BAKER IDI HEART AND DIABETES INSTITUTE HOLDINGS LTD, AU
[85] 2014-01-29
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[54] **A NOVEL 1,2,3,4-TETRAHYDROQUINOLINE DERIVATIVE USEFUL FOR THE TREATMENT OF DIABETES**
[54] **NOUVEAU DERIVE DE 1,2,3,4-TETRAHYDROQUINOLINE UTILE DANS LE TRAITEMENT DU DIABETE**
[72] HAMDOUCHI, CHAFIQ, US
[71] ELI LILLY AND COMPANY, US
[85] 2014-01-28
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[54] **GRINDING APPARATUS**
[54] **EQUIPEMENT A RECTIFIER**
[72] VAN DER VEEN, TIM, AU
[71] VEEN HOLDINGS PTY. LTD., AU
[85] 2014-01-29
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[54] **MICROWAVE ANTENNA HAVING A COAXIAL CABLE WITH AN ADJUSTABLE OUTER CONDUCTOR CONFIGURATION**
[54] **ANTENNE A MICRO-ONDES COMPORTANT UN CABLE COAXIAL AVEC UNE CONFIGURATION DE CONDUCTEUR EXTERNE REGLABLE**
[72] LEE, ANTHONY C., US
[72] BONN, KENLYN S., US
[71] COVIDIEN LP, US
[85] 2014-01-28
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[54] **AUTOMATIC RECONSTITUTION FOR DUAL CHAMBER SYRINGE**
[54] **RECONSTITUTION AUTOMATIQUE POUR SERINGUE A DOUBLE CHAMBRE**
[72] ADLON, KATLIN M., US
[72] WEAVER, PHILIP A., US
[72] DUNGAR, PETER J., US
[71] UNITRACT SYRINGE PTY LTD, AU
[85] 2014-01-29
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[25] EN
[54] **METHOD FOR MANUFACTURING A MIRROR COMPRISING AT LEAST ONE CAVITY AND OPTICAL MIRROR**
[54] **PROCEDE DE FABRICATION D'UN MIROIR COMPRENANT AU MOINS UNE CAVITE ET UN MIROIR OPTIQUE**
[72] SCHEIDING, SEBASTIAN, DE
[72] GEBHARDT, ANDREAS, DE
[72] DAMM, CHRISTOPH, DE
[72] SCHEIDING, MICHAEL, DE
[72] RISSE, STEFAN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V, DD
[85] 2014-01-29
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[54] **CROWD-SOURCED VIDEO RENDERING SYSTEM**
[54] **SYSTEME DE RESTITUTION DE VIDEO EXTERNALISE A GRANDE ECHELLE**
[72] URBACH, JULIAN MICHAEL, US
[71] OTOY, INC., US
[85] 2014-01-28
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[25] EN
[54] **DEVICE FOR CONTACTLESS CURRENT GENERATION, IN PARTICULAR BICYCLE DYNAMO, VEHICLE LIGHTING SYSTEM AND BICYCLE**
[54] **DISPOSITIF DE PRODUCTION D'ENERGIE ELECTRIQUE SANS CONTACT, EN PARTICULIER DYNAMO DE BICYCLETTE, SYSTEME D'ECLAIRAGE DE VEHICULE ET BICYCLETTE**
[72] STROTHMANN, DIRK, DE
[71] STROTHMANN, DIRK, DE
[85] 2014-01-29
[86] 2012-03-31 (PCT/EP2012/001431)
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[54] **RELAIS ELECTROMAGNETIQUE**
[72] NAUMANN, MICHAEL, DE
[72] BINDIG, REINER, DE
[72] KELNBERGER, ALFONS, DE
[72] SCHREINER, HANS-JURGEN, DE
[72] STINGL, PETER, DE
[72] MECKLER, PETER, DE
[72] BIRNER, MARKUS, DE
[71] ELLENBERGER & POENSGEN GMBH, DE
[71] CERAM TEC GMBH, DE
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[54] **ETIQUETTE DE PROXIMITE**
[72] CAVACUITI, JOHN, CA
[72] FENNIG, KELLY, CA
[72] GUTIERREZ, GERALD, CA
[71] ACCO BRANDS CORPORATION, US
[85] 2014-01-28
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[51] **Int.Cl. B04B 1/20 (2006.01)**
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[54] **CENTRIFUGE AND DISCHARGE PORT MEMBER OF A CENTRIFUGE FOR POWER REDUCTION**
[54] **CENTRIFUGEUSE ET ELEMENT D'ORIFICE DE REFOULEMENT D'UNE CENTRIFUGEUSE PERMETTANT DE REDUIRE LA PUISSANCE**
[72] PASOL, LAURENTIU, FR
[72] HUYGHE, JEAN-MARC, FR
[71] ANDRITZ S.A.S., FR
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[54] **LOW-ODOUR (METH)ACRYLIC REACTION RESINS**
[54] **RESINES REACTIVES DE (METH)ACRYLIQUES A FAIBLE ODEUR**
[72] HILF, STEFAN, DE
[72] KLEIN, ALEXANDER, DE
[72] HEEB, HEIKE, DE
[72] KIZEWSKI, INGRID, DE
[72] GRIMM, SEBASTIAN, DE
[72] FLITTNER, MICHAEL, DE
[71] EVONIK ROHM GMBH, DE
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[54] **EVERTABLE SHEATH DEVICES, SYSTEMS, AND METHODS**
[54] **DISPOSITIFS A GAINE POUVANT SUBIR UNE EVERSION, SYSTEMES ET PROCEDES**
[72] CULLY, EDWARD H., US
[72] IRWIN, CRAIG W., US
[72] SILVERMAN, JAMES D., US
[71] W. L. GORE & ASSOCIATES, INC., US
[85] 2014-01-28
[86] 2012-08-10 (PCT/US2012/050272)
[87] (WO2013/025470)
[30] US (61/523,186) 2011-08-12
[30] US (13/571,296) 2012-08-09

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[51] **Int.Cl. E04B 1/62 (2006.01) E04D 12/00 (2006.01)**
[25] EN
[54] **WATER VAPOUR CONTROL, WHICH IS ARRANGED FACING THE INSIDE OF A BUILDING**
[54] **DISPOSITIF DE REGULATION DE VAPEUR D'EAU, QUI EST ARRANGE POUR ETRE ORIENTE VERS L'INTERIEUR D'UN BATIMENT**
[72] TIJSSEN, PASCAL MARIA HUBERT PIERRE, NL
[71] DSM IP ASSETS B.V., NL
[85] 2014-01-29
[86] 2012-07-03 (PCT/EP2012/062890)
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[25] EN
[54] **WATER VAPOUR CONTROL, WHICH IS ARRANGED FACING THE INSIDE OF A BUILDING**
[54] **DISPOSITIF DE REGULATION DE VAPEUR D'EAU INSTALLE DE MANIERE A FAIRE FACE A L'INTERIEUR D'UN BATIMENT**
[72] TIJSSEN, PASCAL MARIA HUBERT PIERRE, NL
[71] DSM IP ASSETS B.V., NL
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[54] **FLEXIBLE REINFORCEMENT FIBER YARN PRE-IMPREGNATED WITH RESIN**
[54] **FIL DE FIBRE DE RENFORCEMENT FLEXIBLE PRE-IMPREGNE DE RESINE**
[72] SCHNEIDER, MARKUS, DE
[72] STUSGEN, SILKE, DE
[72] WITZEL, SILKE, DE
[72] WOHLMANN, BERND, DE
[71] TOHO TENAX EUROPE GMBH, DE
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[25] EN
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[54] **DISPOSITIFS D'OCCLUSION CARDIAQUE**
[72] AMIN, ZAHID, US
[72] CULLY, EDWARD H., US
[72] CUTRIGHT, WARREN, US
[72] LARSEN, COBY, US
[72] MASTERS, STEVEN J., US
[72] SHAW, EDWARD EMIL, US
[71] W. L. GORE & ASSOCIATES, INC., US
[85] 2014-01-28
[86] 2012-08-10 (PCT/US2012/050358)
[87] (WO2013/025511)
[30] US (61/523,175) 2011-08-12
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[13] A1
[51] **Int.Cl. C08J 9/06 (2006.01)**
[25] EN
[54] **THERMALLY HARDENABLE PREPARATIONS**
[54] **PREPARATIONS THERMODURCISSABLES**
[72] KOHLSTRUNG, RAINER, DE
[72] REIN, MANFRED, DE
[72] WESCH, KARL, DE
[71] HENKEL AG & CO. KGAA, DE
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[87] (WO2013/017536)
[30] DE (10 2011 080 223.1) 2011-08-01

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[51] **Int.Cl. A61B 17/3207 (2006.01) A61B 17/00 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **SYSTEMS FOR REMOVAL OF ATHEROSCLEROTIC PLAQUE OR THROMBUS AT A TREATMENT SITE**
[54] **SYSTEMES D'ELIMINATION DE PLAQUE D'ATHEROSCLEROSE OU DE TROMBUS AU NIVEAU D'UN SITE DE TRAITEMENT**
[72] CULLY, EDWARD H., US
[72] DUNCAN, JEFFREY B., US
[72] LUBER, KAYLAN M., US
[72] MONTGOMERY, WILLIAM D., US
[72] SHAW, EDWARD E., US
[71] W.L. GORE & ASSOCIATES, INC., US
[85] 2014-01-28
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[30] US (61/523,225) 2011-08-12
[30] US (13/571,307) 2012-08-09

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[51] **Int.Cl. F26B 3/18 (2006.01) F26B 13/10 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DRYING A FLUID FILM APPLIED TO A SUBSTRATE**
[54] **PROCEDE ET DISPOSITIF DE SECHAGE D'UN FILM FLUIDE APPLIQUE SUR UN SUBSTRAT**
[72] DURST, FRANZ, DE
[71] FMP TECHNOLOGY GMBH FLUID MEASUREMENTS & PROJECTS, DE
[85] 2014-01-29
[86] 2012-07-20 (PCT/EP2012/064305)
[87] (WO2013/017441)
[30] DE (10 2011 080 222.3) 2011-08-01
[30] DE (10 2012 210 431.3) 2012-06-20

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[25] EN
[54] **BENEFIT AGENT DELIVERY PARTICLES COMPRISING NON-IONIC POLYSACCHARIDES**
[54] **PARTICULES D'ADMINISTRATION D'AGENT TRAITANT CONTENANT DES POLYSACCHARIDES NON-IONIQUES**
[72] CHEN, HONGGANG, CN
[72] JONES, CHRISTOPHER CLARKSON, GB
[72] PAN, XIAOYUN, CN
[72] WANG, JINFANG, CN
[71] UNILEVER PLC, GB
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[25] EN
[54] **METHOD AND SYSTEM FOR UPLINK CONTROL CHANNEL TRANSMIT DIVERSITY USING MULTIPLE DOWNLINK CONTROL CHANNEL BASED RESOURCE ALLOCATION**
[54] **PROCEDE ET SYSTEME POUR DIVERSITE D'EMISSION DE CANAL DE COMMANDE DE LIAISON MONTANTE AU MOYEN D'UNE ATTRIBUTION DE RESSOURCES BASEE SUR DE MULTIPLES CANAUX DE COMMANDE DE LIAISON DESCENDANTE**
[72] HARRISON, ROBERT MARK, US
[72] HEO, YOUN HYOUNG, KR
[71] BLACKBERRY LIMITED, CA
[85] 2014-01-28
[86] 2012-08-10 (PCT/US2012/050411)
[87] (WO2013/023168)
[30] US (61/522,434) 2011-08-11
[30] US (13/248,638) 2011-09-29
[30] US (61/541,848) 2011-09-30
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[54] **HCV IMMUNOTHERAPY**
[54] **IMMUNOTHERAPIE POUR LE VHC**
[72] MORRE, MICHEL, FR
[72] ASSOULINE, BRIGITTE, FR
[72] CROUGHS, THERESE, FR
[72] DEMOL, PIERRE, FR
[72] BEQ, STEPHANIE, FR
[71] CYTHERIS, FR
[85] 2014-01-29
[86] 2012-08-02 (PCT/EP2012/065125)
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[54] **CONTAINER FITTED OUT AS A TECHNICAL INFRASTRUCTURE**
[54] **CONTENEUR AMENAGE EN UNE INFRASTRUCTURE TECHNIQUEE**
[72] KLABA, MIROSLAW, FR
[71] OVH SAS, FR
[85] 2014-01-28
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[87] (WO2013/030501)
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[54] **DEVICES AND METHODS FOR APPROXIMATING THE CROSS-SECTIONAL PROFILE OF VASCULATURE HAVING BRANCHES**
[54] **DISPOSITIFS ET PROCEDES D'APPROXIMATION D'UN PROFIL TRANSVERSAL D'UN SYSTEME VASCULAIRE AYANT DES RAMIFICATIONS**
[72] ROBISON, AARON, US
[71] W. L. GORE & ASSOCIATES, INC., US
[85] 2014-01-28
[86] 2012-08-10 (PCT/US2012/050443)
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[25] EN
[54] **GAMES APPARATUS**
[54] **APPAREIL DE JEUX**
[72] BOI, MARCO, GB
[71] PLAYINNOVATION LIMITED, GB
[85] 2014-01-28
[86] 2011-08-04 (PCT/GB2011/051482)
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[25] EN
[54] **INDAZOLE COMPOUNDS, COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSES D'INDAZOLE, COMPOSITIONS ET PROCEDES D'UTILISATION**
[72] BURCH, JASON, US
[72] GOLDSMITH, RICHARD A., US
[72] ORTWINE, DANIEL FRED, US
[72] PASTOR, RICHARD, US
[72] PEI, ZHONGHUA, US
[71] F. HOFFMANN-LA ROCHE AG, CH
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[25] EN
[54] **APPARATUS AND METHOD FOR PRODUCING LAYERED MATS**
[54] **APPAREIL ET PROCEDE POUR PRODUIRE DES NAPPES STRATIFIEES**
[72] MAKIAHO, JUUSO, FI
[72] IREDI, ACHIM, DE
[71] IKEA INDUSTRY AB, SE
[85] 2014-01-29
[86] 2012-08-03 (PCT/EP2012/065301)
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[25] EN
[54] **PERISTALTIC PUMP AND PUMPHEAD THEREFOR**
[54] **POMPE PERISTALTIQUE ET TETE DE POMPE CORRESPONDANTE**
[72] CROWSLEY, DAVID, GB
[71] WATSON-MARLOW LIMITED, GB
[85] 2014-01-28
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[25] EN
[54] **THERAPEUTIC METHODS**
[54] **PROCEDES THERAPEUTIQUES**
[72] WALKER, JILL, US
[72] VOITENLEITNER, CHRISTIAN, US
[71] GLAXOSMITHKLINE LLC, US
[85] 2014-01-28
[86] 2012-08-17 (PCT/US2012/051349)
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[30] US (61/524,429) 2011-08-17
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[51] **Int.Cl. A61K 47/48 (2006.01)**
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[54] **POLYMERIC HYPERBRANCHED CARRIER-LINKED PRODRUGS**
[54] **PROMEDICAMENTS LIES A DES EXCIPIENTS POLYMERIQUES HYPERBRANCHES**
[72] HERSEL, ULRICH, DE
[72] MAITRO, GUILLAUME, DE
[72] RAU, HARALD, DE
[72] VOIGT, TOBIAS, DE
[71] ASCENDIS PHARMA A/S, DK
[85] 2014-01-29
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[25] EN
[54] **PROTEIN CARRIER-LINKED PRODRUGS**
[54] **PROMEDICAMENTS LIES A UN EXCIPIENT PROTEIQUE**
[72] HERSEL, ULRICH, DE
[72] VETTER, DIRK, DE
[71] ASCENDIS PHARMA A/S, DK
[71] ASCENDIS PHARMA AS, DK
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[25] EN
[54] **A DOWNHOLE DEVICE FOR DATA ACQUISITION DURING HYDRAULIC FRACTURING OPERATION AND METHOD THEREOF**
[54] **DISPOSITIF DE FOND DE TROU DESTINE A L'ACQUISITION DE DONNEES AU COURS D'UNE OPERATION DE FRACTURATION HYDRAULIQUE ET SON PROCEDE**
[72] MILLER, JAMES LEWELLYN, US
[72] BERRETT, DOUGLAS R., US
[71] OMEGA WELL MONITORING LIMITED, GB
[85] 2014-01-28
[86] 2012-07-27 (PCT/GB2012/051835)
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[51] **Int.Cl. A61K 47/48 (2006.01)**
[25] EN
[54] **CARRIER-LINKED PRODRUGS HAVING REVERSIBLE CARBOXYLIC ESTER LINKAGES**
[54] **PROMEDICAMENTS RELIES A DES SUPPORTS COMPRENANT DES LIAISONS ESTER CARBOXYLIQUE REVERSIBLES**
[72] VETTER, DIRK, DE
[72] RAU, HARALD, DE
[71] ASCENDIS PHARMA A/S, DK
[85] 2014-01-29
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[25] EN
[54] **DEVICE AND METHOD TO ACCURATELY AND EASILY ASSEMBLE GLASS SLIDES**
[54] **DISPOSITIF ET PROCEDE POUR MONTER DE MANIERE PRECISE ET FACILE DES LAMES DE VERRE**
[72] ALDRED, JEFF, US
[72] KEENEY, TRACY R., US
[72] VAUGHT, JONATHAN, US
[72] BOCK, CHRIS, US
[72] KRAEMER, STEPHAN, US
[72] FOREMAN, ALEXIS STUART, US
[71] SOMALOGIC, INC., US
[85] 2014-01-28
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[25] EN
[54] **A METHOD AND FORMULATION FOR PRODUCING EXTRUDED SNACK FOOD PRODUCTS AND PRODUCTS OBTAINED THEREFROM**
[54] **PROCEDE ET FORMULATION PERMETTANT LA PRODUCTION DE PRODUITS ALIMENTAIRES EXTRUDES A GRIGNOTER ET PRODUITS AINSI OBTENUS**
[72] ARDISSON-KORAT, ANDRES VICTOR, US
[72] COON, CHRISTINA LEE, US
[72] GRAHAM, DAVID WALLICE, US
[72] HOWARD, SANDER, US
[72] HUANG, IRIS, US
[72] MORALES-ALVAREZ, JORGE C., US
[72] NARAYANAN, BHARADWAJ, US
[72] OZTURK, BULENT, TR
[72] QUINTERO-FUENTES, XIMENA, US
[72] RAO, V.N. MOHAN, US
[72] SIRICURURATANA, PASSAPORN, TH
[72] SMITH, RICHARD TODD, US
[72] YURDAKAN-INCE, SINEM GUFRAN, TR
[71] FRITO-LAY NORTH AMERICA, INC., US
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[25] EN
[54] **HIGH IMPACT TOUGHNESS SOLDER ALLOY**
[54] **ALLIAGE DE BRASAGE PRESENTANT UNE RESISTANCE ELEVEE AU CHOC**
[72] PANDHER, RANJIT, US
[72] SINGH, BAWA, US
[72] SARKAR, SIULI, IN
[72] CHEGUDI, SUJATHA, IN
[72] KUMAR, ANIL K. N., IN
[72] CHATTOPADHYAY, KAMANIO, IN
[72] LODGE, DOMINIC, GB
[72] DE AVILA RIBAS, MORGANA, IN
[71] ALPHA METALS, INC., US
[85] 2014-01-28
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[25] EN
[54] **IMPROVED METHOD AND APPARATUS FOR MAKING A FLAT BOTTOM PILLOW POUCH**
[54] **PROCEDE ET APPAREIL AMELIORES POUR REALISATION D'UN SACHET COUSSIN A FOND PLAT**
[72] BIERSCHENK, PATRICK JOSEPH, US
[72] DIERL, MARTIN BERNHARD, US
[72] HUEBNER, CHAD ARTHUR, US
[72] REAVES, JERRY MIKE, US
[72] TUCKER, STEVEN KENNETH, US
[71] FRITO-LAY NORTH AMERICA, INC., US
[85] 2014-01-28
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[51] **Int.Cl. H05K 9/00 (2006.01) B23P 11/00 (2006.01) B64D 45/02 (2006.01)**
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[54] **BUSHING FOR USE IN PROVIDING ELECTROMAGNETIC EFFECTS PROTECTION**
[54] **BAGUE POUR UTILISATION DANS LA FOURNITURE D'UNE PROTECTION VIS-A-VIS D'EFFETS ELECTROMAGNETIQUES**
[72] NEWBOLT, CHRISTOPHER L., US
[72] LUDWIG, (NEE AHERN) REBECCA ELIZABETH, US
[72] IRWIN, JAMES P., US
[72] CORONADO, PETER A., US
[72] JOHNSON, BENJAMIN A., US
[71] THE BOEING COMPANY, US
[85] 2014-01-28
[86] 2012-08-21 (PCT/US2012/051769)
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[25] EN
[54] **SUPERPARAMAGNETIC PHOTOCATALYTIC MICROPARTICLES**
[54] **MICROPARTICULES PHOTOCATALYTIQUES SUPERPARAMAGNETIQUES**
[72] GU, FRANK, CA
[72] LESHUK, TIMOTHY MICHAEL CARTER, CA
[72] LINLEY, STUART, CA
[71] GU, FRANK, CA
[71] LESHUK, TIMOTHY MICHAEL CARTER, CA
[71] LINLEY, STUART, CA
[85] 2014-01-29
[86] 2012-05-17 (PCT/CA2012/050323)
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[51] **Int.Cl. C07D 498/04 (2006.01) A61K 31/5513 (2006.01) A61P 25/04 (2006.01)**
[25] EN
[54] **(THIENO[2,3-B][1,5]BENZOXAZEPIN-4-YL)PIPERAZIN-1-YL COMPOUNDS AS DUAL ACTIVITY H1 INVERSE AGONISTS/5-HT2A ANTAGONISTS**
[54] **COMPOSES (THIENO[2,3-B][1,5]BENZOXAZEPIN-4-YL)PIPERAZIN-1-YLES EN TANT QUE COMPOSES A DOUBLE ACTIVITE AGONISTES INVERSES H1/ANTAGONISTES 5-HT2A**
[72] LEDGARD, ANDREW JAMES, US
[71] ELI LILLY AND COMPANY, US
[85] 2014-01-28
[86] 2012-08-22 (PCT/US2012/051833)
[87] (WO2013/032804)
[30] US (61/528,893) 2011-08-30

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[51] **Int.Cl. C10G 69/06 (2006.01) C10G 49/18 (2006.01)**
[25] EN
[54] **HYDROPROCESSED PRODUCT**
[54] **PRODUIT HYDROTRAITE**
[72] XU, TENG, US
[72] EDWARDS, PAUL M., GB
[72] BROWN, STEPHEN H., US
[72] WANG, FRANK C., US
[72] DAVIS, S. MARK, US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2014-01-28
[86] 2012-08-31 (PCT/US2012/053417)
[87] (WO2013/033580)
[30] US (61/529,565) 2011-08-31
[30] US (61/529,588) 2011-08-31
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[51] **Int.Cl. B05D 1/02 (2006.01) B05D 5/06 (2006.01) B28D 1/00 (2006.01) B44C 1/00 (2006.01) E01C 5/06 (2006.01) G06F 17/50 (2006.01)**
[25] EN
[54] **COLORING SYSTEM AND MANUFACTURING PROCESS FOR ARTIFICIAL COVERING STONES**
[54] **SYSTEME DE COLORATION ET PROCEDE DE FABRICATION POUR PIERRES DE REVETEMENT ARTIFICIELLES**
[72] DAOUST, ROBERT, CA
[72] POSADA, LUCIANO, CA
[72] CHAGNON, YVES, CA
[71] OLDCASTLE BUILDING PRODUCTS CANADA INC., CA
[85] 2014-01-29
[86] 2012-07-19 (PCT/CA2012/050494)
[87] (WO2013/016818)
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[13] A1
[51] **Int.Cl. C10G 69/06 (2006.01) C10G 49/18 (2006.01)**
[25] EN
[54] **UPGRADING HYDROCARBON PYROLYSIS PRODUCTS BY HYDROPROCESSING**
[54] **VALORISATION DE PRODUITS DE PYROLYSE D'HYDROCARBURES PAR HYDROTRAITEMENT**
[72] BROWN, STEPHEN H., US
[72] DAVIS, STEPHEN M., US
[72] BUCHANAN, JOHN S., US
[72] FERRUGHELLI, DAVID T., US
[72] REED, KEITH G., US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2014-01-28
[86] 2012-08-31 (PCT/US2012/053433)
[87] (WO2013/033590)
[30] US (61/529,565) 2011-08-31
[30] US (61/529,588) 2011-08-31
[30] US (61/657,299) 2012-06-08

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[13] A1
[51] **Int.Cl. E21B 43/16 (2006.01) E21B 47/01 (2012.01) E21B 47/10 (2012.01) E21B 49/08 (2006.01)**
[25] EN
[54] **METHODS FOR MONITORING FLUIDS WITHIN OR PRODUCED FROM A SUBTERRANEAN FORMATION USING OPTICOANALYTICAL DEVICES**
[54] **PROCEDES POUR CONTROLER DES FLUIDES A L'INTERIEUR D'UNE FORMATION SOUTERRAINE OU PRODUITS A PARTIR DE CELLE-CI A L'AIDE DE DISPOSITIFS OPTICO-ANALYTIQUES**
[72] FREESE, ROBERT P., US
[72] JONES, CHRISTOPHER M., US
[72] PELLETIER, MICHAEL T., US
[72] DAUSSIN, RORY D., US
[72] LOVELESS, DAVID M., US
[72] HAGGSTROM, JOHANNA, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-01-28
[86] 2012-07-17 (PCT/US2012/047058)
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[30] US (13/204,005) 2011-08-05

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[25] EN
[54] **METHODS FOR MONITORING FLUIDS WITHIN OR PRODUCED FROM A SUBTERRANEAN FORMATION DURING ACIDIZING OPERATIONS USING OPTICOANALYTICAL DEVICES**
[54] **PROCEDES PERMETTANT DE SURVEILLER DES FLUIDES DANS UNE FORMATION SOUTERRAINE OU PRODUITS A PARTIR DE CETTE DERNIERE PENDANT DES OPERATIONS D'ACIDIFICATION A L'AIDE DE DISPOSITIFSOPTICO-ANALYTIQUES**
[72] FREESE, ROBERT P., US
[72] JONES, CHRISTOPHER M., US
[72] PELLETIER, MICHAEL T., US
[72] DAUSSIN, RORY D., US
[72] HAYWORTH, ROBERT D., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[86] 2012-07-17 (PCT/US2012/047065)
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[30] US (13/204,046) 2011-08-05

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[51] **Int.Cl. A61K 38/18 (2006.01) C07K 14/50 (2006.01)**
[25] EN
[54] **FIBROBLAST GROWTH FACTOR 21 VARIANTS**
[54] **VARIANTS DU FACTEUR DE CROISSANCE 21 DU FIBROBLASTE**
[72] DICKINSON, CRAIG DUANE, US
[72] DRIVER, DAVID ALBERT, US
[72] DARLING, RYAN JAMES, US
[72] GONCIARZ, MALGORZATA DONATA, US
[72] MICANOVIC, RADMILA, US
[71] ELI LILLY AND COMPANY, US
[85] 2014-01-28
[86] 2012-09-25 (PCT/US2012/057053)
[87] (WO2013/052311)
[30] US (61/542,906) 2011-10-04

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[25] EN
[54] **HIGH SOFTNESS, HIGH DURABILITY BATH TISSUE WITH TEMPORARY WET STRENGTH**
[54] **PAPIER HYGIENIQUE PRESENTANT UN NIVEAU ELEVE DE DURABILITE ET DE DOUCEUR ET UNE RESISTANCE TEMPORAIRE A L'HUMIDITE**
[72] MILLER, JOSEPH H., US
[72] SUMNICHT, DANIEL W., US
[72] ORIARAN, T. PHILIPS, US
[72] SCHUH, BRIAN J., US
[72] RAMIREZ, ALBERTO J., US
[72] LEE, JEFFREY A., US
[71] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
[85] 2014-01-28
[86] 2012-07-23 (PCT/US2012/047802)
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[30] US (61/457,991) 2011-07-28
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[51] **Int.Cl. D21H 27/00 (2006.01)**
[25] EN
[54] **HIGH SOFTNESS, HIGH DURABILITY BATH TISSUE INCORPORATING HIGH LIGNIN EUCALYPTUS FIBER**
[54] **ETOFFE DE BAIN DE GRANDE DOUCEUR, DE GRANDE DURABILITE INCORPORANT DES FIBRES D'EUCALYPTUS A HAUTE TENEUR EN LIGNINE**
[72] LEE, JEFFREY A., US
[72] SUMNICHT, DANIEL W., US
[71] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
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[54] **FOND DE POCHE A DOUBLE CANAL D'ENTREE**
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[72] CHUNG, WILLIAM, CA
[71] VESUVIUS CRUCIBLE COMPANY, US
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[25] EN
[54] **METHOD FOR INCREASING BROADSIDE SENSITIVITY IN SEISMIC SENSING SYSTEM**
[54] **PROCEDE PERMETTANT D'AUGMENTER LA SENSIBILITE DU LARGE BANDE DANS UN SYSTEME DE DETECTION SISMIQUE**
[72] WILLS, PETER BERKELEY, CA
[72] COSTELLO, MICHAEL SCOTT, US
[72] LOPEZ, JORGE LOUIS, US
[72] MEHTA, KURANG JVALANT, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **WINDSHIELD WIPER ADAPTER, CONNECTOR AND ASSEMBLY**
[54] **ADAPTATEUR, RACCORD ET ENSEMBLE D'ESSUIE-GLACE**
[72] TOLENTINO, VAMBI RAYMUNDO, US
[72] PEERS, ROBERT PETER, US
[71] PYLON MANUFACTURING CORP., US
[85] 2014-01-28
[86] 2012-07-26 (PCT/US2012/048262)
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[25] EN
[54] **METHODS AND APPARATUS FOR INGRESS MITIGATION IN CABLE COMMUNICATION SYSTEMS, AND CABLE COMMUNICATION SYSTEMS AND METHODS HAVING INCREASED UPSTREAM CAPACITY FOR SUPPORTING VOICE AND/OR DATA SERVICES**
[54] **PROCEDES ET APPAREILS POUR ATTENUER UNE ENTREE DANS DES SYSTEMES DE COMMUNICATION PAR CABLE, ET SYSTEMES ET PROCEDES DE COMMUNICATION PAR CABLE AYANT UNE CAPACITE EN VOIE MONTANTEAUGMENTEE POUR PRENDRE EN CHARGE DES SERVICES DE DONNEES ET/OU DES SERVICES DE VOIX**
[72] NIELSEN, STEVEN, US
[72] TOTTEN, RONALD, US
[72] HALKY, TRAVIS, US
[71] CERTUSVIEW TECHNOLOGIES, LLC., US
[85] 2014-01-29
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[54] **DISPENSER**
[54] **DISTRIBUTEUR**
[72] GIRAUD, JEAN-PIERRE, US
[71] CSP TECHNOLOGIES, INC., US
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[25] EN
[54] **TREATMENT OF HEART FAILURE AND RELATED CONDITIONS**
[54] **TRAITEMENT D'INSUFFISANCE CARDIAQUE ET D'ETATS ASSOCIES**
[72] KAPUR, NAVIN K., US
[72] KARAS, RICHARD H., US
[71] TUFTS MEDICAL CENTER, INC., US
[85] 2014-01-29
[86] 2012-07-31 (PCT/US2012/049018)
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[25] EN
[54] **HEAD FOR AN EVANESCENT-WAVE FIBRE-OPTIC SENSOR**
[54] **TETE POUR UN CAPTEUR A FIBRE OPTIQUE A ONDES EVANESCENTES**
[72] TARIEL, HUGUES, FR
[71] DIAFIR, FR
[85] 2014-01-29
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[25] EN
[54] **4-(8-METHOXY-1-((1-METHOXYPROPAN-2-YL)-2-(TETRAHYDRO-2H-PYRAN-4-YL)-1 H-IMIDAZO [4,5-C] QUINOLIN-7-YL)-3,5-DIMETHYLISOXAZOLE AND ITS USE AS BROMODOMAIN INHIBITOR**
[54] **4-(8-METHOXY-1-((1-METHOXYPROPAN-2-YL)-2-(TETRAHYDRO-2H-PYRAN-4-YL)-1 H-IMIDAZO[4,5-C]QUINOLIN-7-YL)-3,5-DIMETHYLISOXAZOLE ET UTILISATION DE CE DERNIER EN TANT QU'INHIBITEUR DE BROMODOMAINES**
[72] DEMONT, EMMANUEL HUBERT, GB
[72] JONES, KATHERINE LOUISE, GB
[72] WATSON, ROBERT J., GB
[71] GLAXOSMITHKLINE LLC, US
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[54] **METHODS TO ENABLE EFFICIENT USE OF MULTIPLE RADIO ACCESS TECHNOLOGIES**
[54] **PROCEDES POUR UNE UTILISATION EFFICACE D'UNE PLURALITE DE TECHNOLOGIES D'ACCES RADIO**
[72] PERIYALWAR, SHALINI SURESH, CA
[72] PECEN, MARK, CA
[72] STEER, DAVID G., CA
[71] BLACKBERRY LIMITED, CA
[85] 2014-01-29
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[25] EN
[54] **METHODS TO ENABLE EFFICIENT USE OF MULTIPLE RADIO ACCESS TECHNOLOGIES**
[54] **PROCEDES POUR PERMETTRE UNE UTILISATION EFFICACE DE MULTIPLES TECHNOLOGIES D'ACCES RADIO**
[72] PERIYALWAR, SHALINI SURESH, CA
[72] PECEN, MARK, CA
[72] STEER, DAVID G., CA
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[25] EN
[54] **MANUALLY OPERATED VALVE FOR A SHOWER INSTALLATION SYSTEM**
[54] **VANNE A COMMANDE MANUELLE POUR UN SYSTEME D'INSTALLATION DE DOUCHE**
[72] PELLETIER, MICHEL, CA
[71] P2 SOLUTIONS, CA
[85] 2014-01-29
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[54] **LONG-LASTING CARTRIDGE PIERCER**
[54] **DISPOSITIF DE PERCAGE DE CARTOUCHE DURABLE**
[72] LARZUL, DAVID, FR
[72] CHALENCON, JULIEN, FR
[72] BESSON, FRANCOIS, CH
[72] RITHENER, BLAISE, CH
[71] NESTEC S.A., CH
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[25] FR
[54] **PHOSPHOR BASED ON A LANTHANUM CERIUM TERBIUM PHOSPHATE WITH STABILIZED BRIGHTNESS, PREPARATION PROCESS AND USE IN A LUMINESCENT DEVICE**
[54] **LUMINOPHORE A BASE D'UN PHOSPHATE DE LANTHANE, DE CERIUM ET DE TERBIUM A BRILLANCE STABILISEE, PROCEDE DE PREPARATION ET UTILISATION DANS UN DISPOSITIF LUMINESCENT**
[72] BUISSETTE, VALERIE, FR
[72] LE-MERCIER, THIERRY, FR
[71] RHODIA OPERATIONS, FR
[85] 2014-01-29
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[54] **CARTRIDGE POSITIONING SYSTEM**
[54] **SYSTEME DE POSITIONNEMENT DE CARTOUCHE**
[72] LARZUL, DAVID, FR
[72] CHALENCON, JULIEN, FR
[72] BESSON, FRANCOIS, CH
[72] RITHENER, BLAISE, CH
[71] NESTEC S.A., CH
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[25] EN
[54] **A PLANT FEEDING ASSEMBLY**
[54] **ENSEMBLE D'ALIMENTATION DE PLANTE**
[72] PLUMMER, NORMAN, GB
[72] PLUMMER, CRYSTAL, GB
[71] PLUMMER, NORMAN, GB
[85] 2014-01-29
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[25] EN
[54] **WAVE VECTOR MATCHED RESONATOR AND BUS WAVEGUIDE SYSTEM**
[54] **SYSTEME DE RESONATEUR ET DE GUIDE D'ONDE DE BUS A ADAPTATION DE VECTEUR D'ONDE**
[72] KRAUSS, THOMAS FRASER, GB
[72] WHELAN-CURTIN, WILLIAM, GB
[72] DEBNATH, KAPIL, GB
[72] WELNA, KARL PETER, GB
[71] UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS, GB
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[51] **Int.Cl. C12N 9/00 (2006.01) C12N 9/10 (2006.01)**
[25] EN
[54] **METHODS AND MATERIALS FOR RECOMBINANT PRODUCTION OF SAFFRON COMPOUNDS**
[54] **PROCEDES ET MATIERES POUR LA PRODUCTION RECOMBINANTE DE COMPOSES DU SAFRAN**
[72] RAGHAVAN, SHRIRAM, IN
[72] KUMAR, KALYAN K., IN
[72] SONKAR, SHAILENDRA, IN
[72] KUMAR, SATHISH, IN
[72] PANCHAPAGESA, MURALI, IN
[72] HANSEN, ESBEN HALKJAER, DK
[72] HANSEN, KLAVS RIISHEDE, DK
[72] HANSEN, JORGEN, DK
[71] EVOLVA SA, CH
[85] 2014-01-29
[86] 2012-08-07 (PCT/IB2012/001513)
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[25] EN
[54] **GELLED FOOD CONCENTRATE**
[54] **CONCENTRE ALIMENTAIRE GELIFIE**
[72] SADD, PETER, GB
[72] BOTT, KATIE, GB
[72] TO, KAR-MUN, GB
[72] WHITMORE, HELEN, GB
[72] CRUTTENDEN, NEIL, GB
[71] CP KELCO APS, DK
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[51] **Int.Cl. A23C 19/00 (2006.01) A23C 19/064 (2006.01) A23C 19/068 (2006.01)**
[25] EN
[54] **PRODUCTION METHOD OF WHITE CHEESE IN BRINE USING STACKABLE TRAYS AND PALLET TANKS OR ONLY PALLET TANKS**
[54] **PROCEDE DE PRODUCTION DE FROMAGE BLANC CONSERVE EN SAUMURE UTILISANT DES PLATEAUX EMPILABLES ET DES RESERVOIRS DE PALETTES OU UNIQUEMENT DES RESERVOIRS DE PALETTES**
[72] KOGIOUMTZIS, CHRISTOS, GR
[71] KOGIOUMTZIS, CHRISTOS, GR
[85] 2014-01-29
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[25] EN
[54] **PROTEIN HAVING ACTIVITY TO PROMOTE FATTY ACID CHAIN ELONGATION, GENE ENCODING THE SAME AND USE THEREOF**
[54] **PROTEINE MANIFESTANT UNE ACTIVITE FAVORISANT L'ALLONGEMENT DES ACIDES GRAS, GENE CODANT POUR CELLE-CI ET SON UTILISATION**
[72] OCHIAI, MISA, JP
[71] SUNTORY HOLDINGS LIMITED, JP
[85] 2014-01-29
[86] 2012-08-03 (PCT/JP2012/069792)
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[25] EN
[54] **PROCESS FOR THE MANUFACTURE OF IVABRADINE AND OF INTERMEDIATES OF SYNTHESIS THEREOF**
[54] **PROCEDE DE FABRICATION DE L'IVABRADINE ET DE SES INTERMEDIAIRES DE SYNTHESE**
[72] NARDI, ANTONIO, IT
[72] DE ANGELIS, BRUNO, IT
[72] CEREA, PAOLANGELO, IT
[72] RAFECAS, JANE LLORENC, ES
[72] TESSON, NICOLAS, ES
[71] LABORATORIO CHIMICO INTERNAZIONALE S.P.A., IT
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[25] EN
[54] **LUBRICANT COMPOSITION FOR INTERNAL COMBUSTION ENGINE OIL**
[54] **COMPOSITION DE LUBRIFIANT POUR HUILE DE MOTEUR A COMBUTION INTERNE**
[72] SHIMIZU, YASUNORI, JP
[72] FUJITA, HIROSHI, JP
[71] IDEMITSU KOSAN CO., LTD., JP
[85] 2014-01-29
[86] 2012-08-03 (PCT/JP2012/069911)
[87] (WO2013/018907)
[30] JP (2011-170580) 2011-08-03
[30] JP (2011-170581) 2011-08-03
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[25] EN
[54] **GAS TURBINE ENGINE FOR AIRCRAFT ENGINE**
[54] **MOTEUR DE TURBINE A GAZ POUR MOTEUR D'AERONEF**
[72] CALZA, PAOLO, IT
[71] GE AVIO S.R.L., IT
[85] 2014-01-29
[86] 2012-08-03 (PCT/IB2012/053997)
[87] (WO2013/018073)
[30] IT (TO2011A000728) 2011-08-04

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[51] **Int.Cl. A61K 38/46 (2006.01) C12Q 1/34 (2006.01) G01N 33/15 (2006.01)**
[25] EN
[54] **METHOD FOR DISSOLUTION TESTING OF SOLID COMPOSITIONS CONTAINING DIGESTIVE ENZYMES**
[54] **PROCEDE DE TEST DE DISSOLUTION DE COMPOSITIONS SOLIDES CONTENANT DES ENZYMES DIGESTIVES**
[72] LATINO, MASSIMO, IE
[72] GHIDORSI, LUIGI, IE
[72] ORTENZI, GIOVANNI, IE
[71] APTALIS PHARMA LTD., IE
[85] 2014-01-29
[86] 2012-08-08 (PCT/IB2012/054050)
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[25] EN
[54] **NOVEL PEPTIDES, COMPOSITIONS COMPRISING THE SAME AND USES THEREOF IN METHODS FOR THE TREATMENT OF METABOLIC, CARDIAC AND IMMUNE-RELATED DISORDERS**
[54] **NOUVEAUX PEPTIDES, COMPOSITIONS LES COMPRENANT ET LEURS UTILISATIONS DANS DES METHODES POUR LE TRAITEMENT DE TROUBLES METABOLIQUES, CARDIAQUES ET IMMUNITAIRES**
[72] SANDLER, TAMARA, IL
[72] DEVARY, ORLY, IL
[71] TWO TO BIOTECH LTD., IL
[85] 2014-01-29
[86] 2012-08-06 (PCT/IL2012/000295)
[87] (WO2013/021377)
[30] US (61/515,991) 2011-08-08

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[51] **Int.Cl. B02C 2/04 (2006.01) B02C 18/30 (2006.01) C11B 1/06 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PREPARING OLIVE PASTE FOR OIL EXTRACTION**
[54] **DISPOSITIF ET PROCEDE DE PREPARATION D'UNE PATE D'OLIVE EN VUE D'EN EXTRAIRE L'HUILE**
[72] TURGEMAN, ERIC, IL
[72] GERSHONY, YARIV, IL
[71] OLIVE X-PRESS LTD, IL
[85] 2014-01-29
[86] 2012-07-24 (PCT/IL2012/050268)
[87] (WO2013/018089)
[30] US (13/195,039) 2011-08-01

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[13] A1
[51] **Int.Cl. H04N 19/52 (2014.01) H04N 19/176 (2014.01) H04N 19/184 (2014.01)**
[25] EN
[54] **VIDEO ENCODING METHOD, VIDEO ENCODING APPARATUS, VIDEO DECODING METHOD, VIDEO DECODING APPARATUS, AND VIDEO ENCODING/DECODING APPARATUS**
[54] **PROCEDE DE CODAGE VIDEO, APPAREIL DE CODAGE VIDEO, PROCEDE DE DECODAGE VIDEO, APPAREIL DE DECODAGE VIDEO ET APPAREIL DE CODAGE/DECODAGE VIDEO**
[72] SUGIO, TOSHIYASU, JP
[72] NISHI, TAKAHIRO, JP
[72] SHIBAHARA, YOUJI, JP
[72] TANIKAWA, KYOKO, JP
[72] SASAI, HISAO, JP
[72] MATSUNOBU, TORU, JP
[71] PANASONIC CORPORATION, JP
[85] 2014-01-29
[86] 2012-08-02 (PCT/JP2012/004924)
[87] (WO2013/018369)
[30] US (61/514,643) 2011-08-03

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[51] **Int.Cl. A63B 21/02 (2006.01)**
[25] EN
[54] **MUSCLE BUILDING IMPLEMENT AND METHOD OF CONTROLLING SAME**
[54] **ACCESSOIRE DE MUSCULATION ET SON PROCEDE DE COMMANDE**
[72] SATO, YOSHIAKI, JP
[71] SATO, YOSHIAKI, JP
[85] 2014-01-29
[86] 2012-02-27 (PCT/JP2012/054756)
[87] (WO2013/073205)
[30] JP (2011-251493) 2011-11-17

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[51] **Int.Cl. C09K 3/18 (2006.01) C09D 5/32 (2006.01) C09D 7/12 (2006.01)**
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[54] **ANTI-FROST COATING**
[54] **COMPOSITION DE REVETEMENT ANTI-GEL**
[72] TACHIBANA, TETSUYA, JP
[71] NIHON TOKUSHU TORYO CO., LTD., JP
[85] 2014-01-29
[86] 2012-03-22 (PCT/JP2012/057356)
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[51] **Int.Cl. F04F 1/18 (2006.01) B01D 19/00 (2006.01) C02F 11/00 (2006.01) E02F 3/88 (2006.01) E21C 50/00 (2006.01)**
[25] EN
[54] **BUBBLE LIFT SYSTEM AND BUBBLE LIFT METHOD**
[54] **SYSTEME D'ALLEGEMENT AU GAZ ET PROCEDE D'ALLEGEMENT AU GAZ**
[72] NAKAMURA, TAKUJU, JP
[72] KAWASE, MASAKI, JP
[71] MODEC, INC., JP
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[86] 2012-07-27 (PCT/JP2012/069168)
[87] (WO2013/021840)
[30] JP (2011-174245) 2011-08-09

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[51] **Int.Cl. G01N 27/22 (2006.01) G01N 33/28 (2006.01)**
[25] EN
[54] **A MULTI-ELECTRODE SENSOR FOR DETERMINING THE GAS CONTENT IN A TWO-PHASE FLOW**
[54] **CAPTEUR MULTI-ELECTRODE POUR DETERMINER LA TENEUR EN GAZ DANS UN ECOULEMENT DIPHASIQUE**
[72] NIVET, PHILIPPE, FR
[72] BRUERE, ALAIN, FR
[72] MATARIN, DIDIER, FR
[71] SNECMA, FR
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[86] 2012-07-31 (PCT/FR2012/051802)
[87] (WO2013/017795)
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[13] A1
[51] **Int.Cl. B26D 7/00 (2006.01) B26B 29/06 (2006.01)**
[25] FR
[54] **DEVICE FOR USE IN CUTTING A LAYER HAVING A FIBROUS TEXTURE WOUND ONTO AN IMPREGNATION MANDREL OF A WINDING MACHINE**
[54] **DISPOSITIF POUR L'AIDE A LA DECOUPE D'UNE COUCHE DE TEXTURE FIBREUSE ENROULEE SUR UN MANDRIN D'IMPREGNATION D'UNE MACHINE D'ENROULEMENT**
[72] MATHON, RICHARD, FR
[72] PHELIPPEAU, ANTOINE, FR
[72] GUMMEL, MICAH, US
[71] SNECMA, FR
[85] 2014-01-29
[86] 2012-07-31 (PCT/FR2012/051803)
[87] (WO2013/017796)
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[51] **Int.Cl. F02K 1/76 (2006.01)**
[25] FR
[54] **METHOD FOR MONITORING THE LOCKING MEANS OF AN ELECTRICAL THRUST REVERSAL SYSTEM FOR A TURBINE ENGINE**
[54] **PROCEDE DE SURVEILLANCE DES MOYENS DE VERROUILLAGE D'UN SYSTEME ELECTRIQUE D'INVERSION DE POUSSEE POUR TURBOMACHINE**
[72] COLIN, ANTOINE OLIVIER FRANCOIS, FR
[72] GUEIT, NICOLAS MARIE PIERRE, FR
[72] IBANEZ GARCIA, CATHERINE DOROTHEE JOSETTE, FR
[71] SNECMA, FR
[85] 2014-01-29
[86] 2012-07-31 (PCT/FR2012/051805)
[87] (WO2013/021120)
[30] FR (1157201) 2011-08-05

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[51] **Int.Cl. G01N 33/48 (2006.01) A61P 7/02 (2006.01) G01N 33/50 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **METHODS FOR PREDICTING RISK OF STROKE**
[54] **PROCEDES DE PREDICTION DU RISQUE D'ACCIDENT VASCULAIRE CEREBRAL**
[72] DUDLEY, SAMUEL, US
[72] NEGI, SMITA, US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[85] 2014-01-29
[86] 2011-07-29 (PCT/US2011/045903)
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[30] US (61/368,941) 2010-07-29

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[51] **Int.Cl. H04N 7/08 (2006.01) H04N 7/173 (2011.01)**
[25] EN
[54] **METHOD FOR RECEIVING BROADCAST SERVICE AND RECEPTION DEVICE THEREOF**
[54] **PROCEDE DE RECEPTION DE SERVICE DE DIFFUSION ET DISPOSITIF DE RECEPTION CORRESPONDANT**
[72] LEE, JOONHUI, KR
[72] THOMAS, GOMER, US
[72] MOON, KYOUNGSOO, KR
[72] KIM, JINPIL, KR
[72] KIM, KYUNGHO, KR
[72] KIM, SANGHYUN, KR
[71] LG ELECTRONICS INC., KR
[85] 2014-01-29
[86] 2012-09-14 (PCT/KR2012/007364)
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[51] **Int.Cl. A23F 3/24 (2006.01) A23F 5/26 (2006.01) A23F 5/28 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF A LIQUID COFFEE CONCENTRATE**
[54] **PROCEDE DE PRODUCTION D'UN CONCENTRE DE CAFE LIQUIDE**
[72] HEIJMAN, GERTJAN, NL
[72] DE BRUIN, WILHELMUS JOHANNES, NL
[72] VERHOEVEN, MAARTEN JURIAAN, NL
[71] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2014-01-29
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[87] (WO2013/019112)
[30] EP (11176077.3) 2011-08-01

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[51] **Int.Cl. E02F 3/40 (2006.01) E02F 3/815 (2006.01) E02F 9/00 (2006.01)**
[25] EN
[54] **PROTECTED WEAR ASSEMBLY FOR MATERIAL HANDLING APPARATUS**
[54] **ENSEMBLE D'USURE PROTEGE POUR APPAREIL DE MANIPULATION DE MATERIAUX**
[72] RUVANG, JOHN A., CA
[71] BLACK CAT BLADES LTD., CA
[85] 2014-01-29
[86] 2011-08-26 (PCT/US2011/049440)
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[51] **Int.Cl. A61K 38/28 (2006.01) A61K 9/00 (2006.01) A61K 47/36 (2006.01)**
[25] FR
[54] **INJECTABLE SOLUTION OF AT LEAST ONE TYPE OF BASAL INSULIN**
[54] **SOLUTION INJECTABLE D'AU MOINS UNE INSULINE BASALE**
[72] SOULA, OLIVIER, FR
[72] SOULA, GERARD, FR
[72] TONNAR, JEFF, FR
[72] GEISSLER, ALEXANDRE, FR
[71] ADOCIA, FR
[85] 2014-01-29
[86] 2012-08-09 (PCT/FR2012/051880)
[87] (WO2013/021143)
[30] FR (11/57291) 2011-08-10
[30] US (61/522,031) 2011-08-10
[30] FR (11/62445) 2011-12-23
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[51] **Int.Cl. A61M 37/00 (2006.01) A61M 25/01 (2006.01) A61M 25/06 (2006.01) A61M 31/00 (2006.01)**
[25] EN
[54] **MICROFLUIDIC DRUG DELIVERY DEVICES**
[54] **DISPOSITIFS MICROFLUIDIQUES D'ADMINISTRATION DE MEDICAMENT**
[72] ANAND, PJ, US
[72] SINGH, DEEP ARJUN, US
[71] ALCYONE LIFESCIENCES, INC., US
[85] 2014-01-29
[86] 2012-08-01 (PCT/US2012/049100)
[87] (WO2013/019830)
[30] US (61/513,948) 2011-08-01
[30] US (61/513,939) 2011-08-01
[30] US (61/513,935) 2011-08-01
[30] US (61/513,961) 2011-08-01
[30] US (61/513,952) 2011-08-01
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[51] **Int.Cl. C22C 38/00 (2006.01) B21B 3/00 (2006.01) C21D 9/46 (2006.01) C22C 38/14 (2006.01) C22C 38/58 (2006.01) C23C 2/02 (2006.01) C23C 2/28 (2006.01)**
[25] EN
[54] **HIGH YIELD RATIO HOT ROLLED STEEL SHEET WHICH HAS EXCELLENT LOW TEMPERATURE IMPACT ENERGY ABSORPTION AND HAZ SOFTENING RESISTANCE AND METHOD OF PRODUCTION OF SAME**
[54] **FEUILLE D'ACIER LAMINEE A CHAUD AYANT UN RAPPORT DE LIMITE D'ELASTICITE ELEVE ET UNE EXCELLENTE ABSORPTION D'ENERGIE D'IMPACT A BASSE TEMPERATURE ET UNE RESISTANCE AU RAMOLLISSEMENT HAZ ET SON PROCEDE DE FABRICATION**
[72] MARUYAMA, NAOKI, JP
[72] YOSHINAGA, NAOKI, JP
[72] AZUMA, MASAFUMI, JP
[72] SAKUMA, YASUHARU, JP
[72] ITAMI, ATSUSHI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-01-29
[86] 2012-08-08 (PCT/JP2012/070259)
[87] (WO2013/022043)
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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 50/10 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING NOTIFICATIONS RELATED TO NEW MEDIA**
[54] **SYSTEME ET PROCEDE PERMETTANT DE GENERER DES ALERTES RELATIVES A DE NOUVEAUX SUPPORTS**
[72] MASKATIA, IMRAN, US
[72] RUBINSTEIN, JASON, US
[71] REDBOX AUTOMATED RETAIL, LLC, US
[85] 2014-01-29
[86] 2012-07-31 (PCT/US2012/049074)
[87] (WO2013/019818)
[30] US (61/514,448) 2011-08-02

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **QUANTITATION OF HUMAN GENOMIC AND MITOCHONDRIAL DNA**
[54] **QUANTIFICATION D'ADN GENOMIQUE ET MITOCHONDRIAL HUMAIN**
[72] ALLEN, ROBERT W., US
[71] THE BOARD OF REGENTS FOR OKLAHOMA STATE UNIVERSITY, US
[85] 2014-01-29
[86] 2011-09-21 (PCT/US2011/052549)
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[30] US (61/384,933) 2010-09-21

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[13] A1
[51] **Int.Cl. F21V 23/02 (2006.01)**
[25] EN
[54] **LIGHT EMITTING DIODE LUMINAIRE FOR CONNECTION IN SERIES**
[54] **LUMINAIRE A DIODES ELECTROLUMINESCENTES DESTINE A ETRE BRANCHE EN SERIE**
[72] HEBBORN, KEVIN A., US
[72] BOEGE, SAMUAL DAVID, US
[71] DIALIGHT CORPORATION, US
[85] 2014-01-29
[86] 2012-08-01 (PCT/US2012/049205)
[87] (WO2013/019887)
[30] US (13/196,277) 2011-08-02

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[13] A1
[51] **Int.Cl. H04L 12/18 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSPORT OF DYNAMIC ADAPTIVE STREAMING OVER HTTP (DASH) INITIALIZATION SEGMENT DESCRIPTION FRAGMENTS AS USER SERVICE DESCRIPTION FRAGMENTS**
[54] **PROCEDE ET APPAREIL POUR LE TRANSPORT DE FRAGMENTS DE DESCRIPTION D'UN SEGMENT D'INITIALISATION DE FLUX DE DIFFUSION EN CONTINU DYNAMIQUE A DEBIT ADAPTATIF SUR HTTP (DASH, DYNAMIC ADAPTIVE STREAMING OVER HTTP) SOUS LA FORME DE FRAGMENTS DE DESCRIPTION D'UN SERVICE D'ABONNE**
[72] PAZOS, CARLOS M. D., US
[72] NAIK, NAGARAJU, US
[72] LO, CHARLES NUNG, US
[72] STOCKHAMMER, THOMAS, US
[71] QUALCOMM INCORPORATED, US
[85] 2014-01-29
[86] 2012-08-01 (PCT/US2012/049228)
[87] (WO2013/019903)
[30] US (61/513,992) 2011-08-01
[30] US (13/563,659) 2012-07-31

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[13] A1
[51] **Int.Cl. C22C 38/00 (2006.01) C22C 38/28 (2006.01) C22C 38/32 (2006.01) C21D 9/00 (2006.01)**
[25] EN
[54] **OIL-WELL STEEL PIPE HAVING EXCELLENT SULFIDE STRESS CRACKING RESISTANCE**
[54] **TUBE D'ACIER DE PUITS DE PETROLE QUI PRESENTE UNE EXCELLENTE RESISTANCE A LA FISSURATION SOUS TENSION INDUITE PAR SULFURE**
[72] SOMA, ATSUSHI, JP
[72] OMURA, TOMOHIKO, JP
[72] ARAI, YUJI, JP
[72] NUMATA, MITSUHIRO, JP
[72] TAKAYAMA, TORU, JP
[72] SEO, MASANAO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-01-29
[86] 2012-08-17 (PCT/JP2012/070888)
[87] (WO2013/027666)
[30] JP (2011-180207) 2011-08-22

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[13] A1
[51] **Int.Cl. H04N 7/14 (2006.01) H04L 29/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ADAPTING VIDEO COMMUNICATIONS**
[54] **SYSTEME ET PROCEDE POUR ADAPTER DES COMMUNICATIONS VIDEOS**
[72] OYMAN, OZGUR, US
[71] INTEL CORPORATION, US
[85] 2014-01-29
[86] 2011-12-27 (PCT/US2011/067416)
[87] (WO2013/019267)
[30] US (61/514,009) 2011-08-01

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/4166 (2006.01) A61K 31/4184 (2006.01) A61K 31/4355 (2006.01) A61K 31/437 (2006.01) A61K 31/44 (2006.01) A61K 31/4427 (2006.01) A61K 31/4985 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **METHODS OF TREATING CANCER USING PD-1 AXIS BINDING ANTAGONISTS AND MEK INHIBITORS**
[54] **PROCEDES DE TRAITEMENT DU CANCER A L'AIDE D'ANTAGONISTES SE LIANT A L'AXE PD-1 ET INHIBITEURS DE MEK**
[72] MAECKER, HEATHER, US
[72] IRVING, BRYAN, US
[71] GENENTECH, INC., US
[85] 2014-01-29
[86] 2012-08-01 (PCT/US2012/049233)
[87] (WO2013/019906)
[30] US (61/574,406) 2011-08-01

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[13] A1
[51] **Int.Cl. E03C 1/08 (2006.01)**
[25] EN
[54] **AUTOMATIC FAUCETS**
[54] **ROBINETS AUTOMATIQUES**
[72] HERBERT, KAY, US
[72] MO, XIAOXIONG, US
[72] KRULL, JEFF, US
[72] DAHER, JEAN F., US
[72] CHEN, QIAOHONG, US
[72] VISH, RONALD J., US
[72] GULER, FATIH, US
[72] WANG, XU, US
[71] SLOAN VALVE COMPANY, US
[85] 2014-01-29
[86] 2012-07-31 (PCT/US2012/000337)
[87] (WO2013/019272)
[30] US (61/574,345) 2011-07-31
[30] US (PCT/US2012/000150) 2012-03-15

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[13] A1
[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/14 (2006.01) C01B 31/20 (2006.01)**
[25] EN
[54] **CO2 RECOVERY APPARATUS AND CO2 RECOVERY METHOD**
[54] **DISPOSITIF ET PROCEDE DE RECUPERATION DE CO2**
[72] TSUJIUCHI, TATSUYA, JP
[72] TANAKA, HIROSHI, JP
[72] NAGAYASU, HIROMITSU, JP
[72] HIRATA, TAKUYA, JP
[72] OISHI, TSUYOSHI, JP
[72] KAMIJO, TAKASHI, JP
[72] TATSUMI, MASAHIKO, JP
[72] YAGI, YASUYUKI, JP
[72] KAIBARA, KAZUHIKO, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[71] THE KANSAI ELECTRIC POWER CO., INC., JP
[85] 2014-01-29
[86] 2012-09-10 (PCT/JP2012/073101)
[87] (WO2013/039040)
[30] JP (2011-199883) 2011-09-13

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[13] A1
[51] **Int.Cl. F16L 25/00 (2006.01)**
[25] EN
[54] **END CONNECTOR FOR HIGH PRESSURE HIGH TEMPERATURE REINFORCED RUBBER HOSE**
[54] **RACCORD D'EXTREMITE POUR TUYAU EN CAOUTCHOUC RENFORCE A PRESSION ELEVEE ET TEMPERATURE ELEVEE**
[72] BALDWIN, GARDNER T., US
[72] DELEON, VICTOR J., US
[72] SWEENEY, LARRY M., US
[71] GEORGE MYER COMPANY, INC., US
[85] 2014-01-29
[86] 2012-08-01 (PCT/US2012/000339)
[87] (WO2013/019274)
[30] US (61/514,596) 2011-08-03

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[13] A1
[51] **Int.Cl. A01N 43/58 (2006.01) A01N 43/60 (2006.01) A61K 31/495 (2006.01) A61K 31/50 (2006.01)**
[25] EN
[54] **SUBCUTANEOUS NEEDLE ASSISTED JET INJECTION ADMINISTRATION OF METHOTREXATE**
[54] **ADMINISTRATION SOUS-CUTANEE PAR INJECTION PAR JET ASSISTE PAR AIGUILLE DE METHOTREXATE**
[72] DAVE, KAUSHIK J., US
[72] SADOWSKI, PETER L., US
[72] WOTTON, PAUL K., US
[72] HAYES, JOHN W., US
[71] ANTARES PHARMA, INC., US
[85] 2014-01-29
[86] 2012-08-01 (PCT/US2012/049235)
[87] (WO2013/019908)
[30] US (61/514,112) 2011-08-02

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[13] A1
[51] **Int.Cl. E21B 29/06 (2006.01)**
[25] EN
[54] **EXTENDED WHIPSTOCK AND MILL ASSEMBLY**
[54] **ENSEMBLE SIFFLET-DEVIATEUR ET BROYEUR ETENDU**
[72] ALSUP, SHELTON W., US
[72] SWADI, SHANTANU N., US
[72] CAMPBELL, JOHN E., US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2014-01-29
[86] 2012-07-31 (PCT/US2012/049034)
[87] (WO2013/019809)
[30] US (61/513,643) 2011-07-31

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[13] A1
[51] **Int.Cl. B01D 53/56 (2006.01) B01D 53/02 (2006.01) B01D 53/86 (2006.01) B01D 53/94 (2006.01) C01B 21/20 (2006.01)**
[25] EN
[54] **REDUCTION OF OXIDES OF NITROGEN IN A GAS STREAM USING MOLECULAR SIEVE SSZ-25**
[54] **REDUCTION D'OXYDES D'AZOTE DANS UN COURANT GAZEUX A L'AIDE D'UN TAMIS MOLECULAIRE SSZ-25**
[72] ZONES, STACEY I., US
[72] SAXTON, ROBERT J., US
[71] CHEVRON U.S.A. INC., US
[85] 2014-01-29
[86] 2012-04-03 (PCT/US2012/031955)
[87] (WO2013/022496)
[30] US (13/198,996) 2011-08-05

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[13] A1
[51] **Int.Cl. B60P 3/22 (2006.01) G01F 23/284 (2006.01) B60D 1/62 (2006.01)**
[25] EN
[54] **SYSTEM EFFECTIVE TO MONITOR AN AMOUNT OF CHEMICALS IN PORTABLE CONTAINERS**
[54] **SYSTEME EFFICACE POUR SURVEILLER UNE QUANTITE DE PRODUITS CHIMIQUES DANS UN CONTENEUR DE TRANSPORT**
[72] CHOWDHARY, MANJIT, US
[72] WHITE, WALTER, US
[72] HYATT, BOBBY, US
[71] ECONOMY POLYMERS & CHEMICALS, US
[85] 2014-01-29
[86] 2012-08-07 (PCT/US2012/049809)
[87] (WO2013/022865)
[30] US (13/205,961) 2011-08-09

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[13] A1
[51] **Int.Cl. E21B 43/04 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR GRAVEL PACKING WELLS**
[54] **SYSTEMES ET PROCEDES POUR LE PLACEMENT DE FILTRES A GRAVIERS DANS DES PUITS**
[72] TECHENTIEN, BRUCE WALLACE, US
[72] FITZPATRICK, HARVEY JOSEPH, JR., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-01-29
[86] 2012-08-02 (PCT/US2012/049286)
[87] (WO2013/028329)
[30] US (13/217,869) 2011-08-25

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[13] A1
[51] **Int.Cl. E21B 17/043 (2006.01) E21B 19/16 (2006.01) E21B 19/18 (2006.01)**
[25] EN
[54] **MULTI-POSITION MECHANICAL SPEAR FOR MULTIPLE TENSION CUTS WITH RELEASABLE LOCKING FEATURE**
[54] **HARPON MECANIQUE MULTIPOSITION POUR COUPES MULTIPLES SOUS TENSION A VERROUILLAGE LIBERABLE**
[72] CROW, STEPHEN L., US
[72] GUIDRY, CHRISTOPHER W., US
[72] HERED, WILLIAM A., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2014-01-29
[86] 2012-07-17 (PCT/US2012/047070)
[87] (WO2013/032588)
[30] US (13/222,125) 2011-08-31

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[13] A1
[51] **Int.Cl. B01D 11/04 (2006.01) A61Q 11/02 (2006.01) C11D 3/43 (2006.01)**
[25] EN
[54] **LIQUID-LIQUID EXTRACTION COMPOSITION USEFUL IN PROCESSING WATER-SOLUBLE SURFACTANTS**
[54] **COMPOSITION D'EXTRACTION LIQUIDE-LIQUIDE UTILE DANS LE TRAITEMENT DE TENSIOACTIFS HYDROSOLUBLES**
[72] HOKE, STEVEN HAMILTON, II, US
[72] HAUGHT, JOHN CHRISTIAN, US
[72] HESTER, MARC ALAN, US
[72] CLAIR, BRIAN DAVID, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-01-29
[86] 2012-08-02 (PCT/US2012/049314)
[87] (WO2013/019940)
[30] US (61/514,203) 2011-08-02

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[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01) C12N 9/00 (2006.01) C12N 9/10 (2006.01) C12N 9/90 (2006.01) C12N 15/81 (2006.01) C12P 15/00 (2006.01)**
[25] EN
[54] **RECOMBINANT PRODUCTION OF STEVIOL GLYCOSIDES**
[54] **PRODUCTION PAR RECOMBINAISON DE GLYCOSIDES DE STEVIOL**
[72] HOUGHTON-LARSEN, JENS, DK
[72] HICKS, PAULA M., US
[72] NAESBY, MICHAEL, CH
[72] OSTERGAARD, TANGE THOMAS, CH
[72] HANSEN, JORGEN, DK
[72] DALGAARD MIKKELSEN, MICHAEL, DK
[72] HALKJAER HANSEN, ESBEN, DK
[72] ERNESTO, SIMON, DK
[72] DE ANDRADE PEREIRA TABARES, SABINA, CH
[71] EVOLVA SA, CH
[85] 2014-01-29
[86] 2012-08-08 (PCT/US2012/050021)
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[54] **WATER-SOLUBLE SURFACTANT COMPOSITIONS HAVING IMPROVED TASTE**
[54] **COMPOSITIONS DE TENSIOACTIF HYDROSOLUBLE AYANT UN GOUT AMELIORE**
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[72] HAUGHT, JOHN CHRISTIAN, US
[72] HESTER, MARC ALAN, US
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[54] **ANALOGUES DE (E)-N'-(1-PHENYLETHYLIDENE)BENZOHYDRAZIDE SUBSTITUES EN TANT QU'INHIBITEURS DE L'HISTONE DEMETHYLASE**
[72] VANKAYALAPATI, HARIPRASAD, US
[72] SORNA, VENKATASWAMY, US
[72] WARNER, STEVE L., US
[72] BEARSS, DAVID J., US
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[54] **GELS ACIDES A FAIBLE TENEUR EN MATIERES SOLIDES ET PROCEDES DE PREPARATION ASSOCIES**
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[54] **COMPOSITIONS ET METHODES POUR REDUIRE L'INCIDENCE DE TROUBLES DIGESTIFS CHEZ DES EQUIDES**
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[71] NOVUS INTERNATIONAL INC., US
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[54] **SYSTEME DE LOCALISATION D'AERONEF PERMETTANT DE LOCALISER UN AERONEF DANS DES ENVIRONNEMENTS AQUEUX**
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[54] **COMPOSITION AYANT DES CONCENTRATIONS AUGMENTEES DE CARBOXYMETHYLCELLULOSE**
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[72] KAMPPINEN, ANSSI KALEVI, FI
[72] HANZEN, ANDRIES, NL
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[72] HOKE, STEVEN HAMILTON, II, US
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[54] **SYSTEMES ET METHODES PERMETTANT D'OBTENIR DES INFORMATIONS RESPIRATOIRES AU MOYEN D'UN PHOTOPLETHYSMOGRAPHE**
[72] MCGONIGLE, SCOTT, GB
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[72] MURRAY, SHAUNA ANN, AU
[72] STUKEN, ANKE, NO
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[54] **APPAREIL DE TOILETTES ET PROCEDE POUR JETER ET STERILISER DES DECHETS**
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[72] HALPERIN, ODED, IL
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[54] **SECTION DE CANALISATION MODULAIRE CONCUE POUR ETRE POSEE BOUT-EN-BOUT ET COTE-A-COTE AFIN DE FORMER UN SYSTEME DE CANALISATION DE SERVICES EN RESEAU ET UN SYSTEME DE GESTION DES EAUX DE PLUIE ET DE RUISSELLEMENT**
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[71] HENKEL US IP LLC, US
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[72] WANG, YI, CN
[72] ZHANG, YUANTAO, CN
[72] ZHOU, HUA, CN
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[54] **REVETEMENT DE SURFACE RECYCLABLE ET PROCEDE ET SYSTEME DE FABRICATION D'UN REVETEMENT DE SURFACE RECYCLABLE**
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[72] MCFALLS, JOHN, US
[71] ECORE INTERNATIONAL INC., US
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[71] KVT-KOENIG AG, CH
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[54] **METHODES ET COMPOSITIONS MODULANT LA REPONSE IMMUNITAIRE NATURELLE ET/OU LA MYOGENESE CHEZ UN MAMMIFERE**
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[72] GENG, LINDA, US
[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US
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[72] TOLENTINO, VAMBI RAYMUNDO, US
[72] PEERS, ROBERT PETER, US
[71] PYLON MANUFACTURING CORP., US
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[72] SETHURAMAN, NATARAJAN, US
[72] RIOS, SANDRA, US
[71] MERCK SHARP & DOHME CORP., US
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[54] **UTILISATION D'UNE PROTEINE DIG3 CRISTALLINE INSECTICIDE EN COMBINAISON AVEC CRYLAB**
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[72] NARVA, KENNETH, US
[72] SHEETS, JOEL J., US
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[72] WOOSLEY, AARON T., US
[71] DOW AGROSCIENCES LLC, US
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[72] STUART, MARTIN A., US
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[54] **MESURE D'UN FLUX GAZEUX A L'AIDE DE PIEGES**
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[72] SALE, THOMAS C., US
[72] LYVERSE, MARK, US
[71] COLORADO STATE UNIVERSITY RESEARCH FOUNDATION, US
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[54] **CLIP DE CHAMP OPERATOIRE POUR ARCEAU DE FLUOROSCOPIE, ENSEMBLE CLIP DE CHAMP OPERATOIRE ET PROCEDE D'ATTACHE D'UN CHAMP OPERATOIRE STERILE A UN ARCEAU DE FLUOROSCOPIE**
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[72] PARSONS, CLIFFORD S., US
[71] CONTOUR FABRICATORS, INC., US
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[54] **IDENTIFICATION CHIMIQUE A L'AIDE D'UN INDICE DE RETENTION DE CHROMATOGRAPHIE**
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[72] ANDERSSON, GREGER, US
[72] JUDGE, KEVIN, US
[71] SMITHS DETECTION INC., US
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[54] **ENSEMBLE AIGUILLE A USAGE UNIQUE ET DISPOSITIF DE STOCKAGE**
[72] HOFMANN, VERENA, DE
[72] DASBACH, UWE, DE
[72] NOBER, PETER, DE
[72] ZEIMETZ, LEO, DE
[72] MUTTER, THORSTEN, DE
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[54] **SYSTEMES ET PROCEDES DE DETERMINATION D'INFORMATIONS RELATIVES A LA RESPIRATION A PARTIR D'UN PHOTOPLETHYSMOGRAPHE**
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[72] WATSON, JAMES NICHOLAS, GB
[71] NELLCOR PURITAN BENNETT IRELAND, IE
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[54] **COMPOSITIONS DE RESINE THERMODURCIE PRESENTANT UNE TENACITE ACCRUE**
[72] BAIDAK, ALEXANDRE, GB
[72] BILLAUD, CLAUDE, GB
[71] CYTEC TECHNOLOGY CORP., US
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[54] **GESTION DE LA TEMPERATURE D'UN OUTIL**
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[71] SURFACE GENERATION LIMITED, GB
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[54] **COMPOSITION DE VACCIN ANTI-IL-6**
[72] DESALLAIS, LUCILLE, FR
[72] MONTES, MATTHIEU, FR
[72] ZAGURY, JEAN-FRANCOIS, FR
[71] PEPTINOV SAS, FR
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[25] EN
[54] **SYSTEM FOR ENERGY SAVING IN COMPANY DATA CENTERS**
[54] **SYSTEME D'ECONOMIE D'ENERGIE DANS DES CENTRES DE DONNEES DE SOCIETE**
[72] TALIA, DOMENICO, IT
[72] MASTROIANNI, CARLO, IT
[72] FORESTIERO, AGOSTINO, IT
[72] PAPUZZO, GIUSEPPE, IT
[72] GIORDANELLI, RAFFAELE, IT
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[54] **LONG-ACTING GROWTH HORMONE AND METHODS OF PRODUCING SAME**
[54] **HORMONE DE CROISSANCE A ACTION PROLONGEE ET SES PROCEDES DE PRODUCTION**
[72] FARES, FUAD, IL
[72] FIMA, UDI EYAL, IL
[71] PROLOR BIOTECH LTD., IL
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[54] **FUEL CELL AND FUEL CELL STACK**
[54] **PILE A COMBUSTIBLE ET ASSEMBLAGE DE PILES A COMBUSTIBLE**
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[72] KOMATSU, DAISUKE, JP
[72] MATSUI, NAOTO, JP
[72] OKAZAKI, SHINOBU, JP
[72] UEMATSU, HIDEKI, JP
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[54] **PARTICULES DE RESINE ABSORBANT L'EAU, PROCEDE POUR LA FABRICATION DE PARTICULES DE RESINE ABSORBANT L'EAU, CORPS D'ABSORPTION, ARTICLE ABSORBANT ET MATERIAU D'ETANCHEITE A L'EAU**
[72] HANDA, MASAYOSHI, JP
[72] TANIMURA, KENJI, JP
[72] HEGURI, ATSUSHI, JP
[72] ONODA, YUICHI, JP
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[54] **METHOD, APPARATUS AND SYSTEM FOR ELECTRONICALLY ESTABLISHING OWNERSHIP OF A PHYSICAL MEDIA CARRIER**
[54] **PROCEDE, APPAREIL ET SYSTEME POUR ETABLIR ELECTRONIQUEMENT LA POSSESSION D'UN SUPPORT MULTIMEDIA PHYSIQUE**
[72] HUDSON, PETER MICHAEL BRUCE, CA
[72] MUJA, MARIUS CONSTANTIN, CA
[71] BITLIT MEDIA INC., CA
[85] 2014-01-30
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[54] **ECOLOGICAL AMMUNITION**
[54] **MUNITION ECOLOGIQUE**
[72] PEREZ TRUJILLO, FRANCISCO JAVIER, ES
[72] HIERRO DE BENGOA, MARIA PILAR, ES
[72] LASANTA CARRASCO, MARIA ISABEL, ES
[72] TEJERO GARCIA, MARTA, ES
[72] REY BONET, AITOR, ES
[72] FERNANDEZ DIAZ-CARRALERO, ANGEL GABRIEL, ES
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[54] **REVETEMENT DE SOL AMELIORE**
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[72] HENAULT, DOMINIQUE, FR
[71] APTIM, FR
[71] CSP CONSEIL, FR
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[54] **COMPOSITIONS, KITS AND METHODS FOR TREATMENT OF COMPLEMENT-RELATED DISORDERS**
[54] **COMPOSITIONS, KITS ET METHODES DE TRAITEMENT DE PATHOLOGIES ASSOCIEES AU COMPLEMENT**
[72] KUMAR-SINGH, RAJENDRA, US
[72] CASHMAN, SIOBHAN M., US
[72] RAMO, KASMIR, US
[71] TUFTS UNIVERSITY, US
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[54] **PROCEDE DE FABRICATION D'UNE PIECE STRUCTURALE GENERALEMENT TRIANGULAIRE EN MATERIAU COMPOSITE**
[72] MASSON, RICHARD, FR
[72] GARNIER, GILDAS, FR
[71] MESSIER-BUGATTI-DOWTY, FR
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[54] **METHOD FOR MANUFACTURING A COMPONENT USING FORGING**
[54] **PROCEDE DE FABRICATION D'UNE PIECE PAR FORGEAGE**
[72] MEREAUX, BERYL CASSANDRE ANNE, FR
[72] TEBOUL, BENJAMIN, FR
[71] SNECMA, FR
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[54] **DIANHYDROHEXITOLS CONDITIONNES DE HAUTE STABILITE CHIMIQUE**
[72] IBERT, MATHIAS, FR
[72] WYART, HERVE, FR
[71] ROQUETTE FRERES, FR
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[54] **DISPOSITIF POUR EMPILER DES ARTICLES EN PLUSIEURS COUCHES SUR UN SUPPORT**
[72] CAVELIUS, JORG, DE
[71] DEMATIC GMBH, DE
[85] 2014-01-29
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[54] **FALLING FILM HEAT EXCHANGER, ABSORPTION REFRIGERATOR SYSTEM, SHIP, OFFSHORE STRUCTURE AND UNDERWATER OFFSHORE STRUCTURE**
[54] **ECHANGEUR DE CHALEUR A FILM LIQUIDE TOMBANT, SYSTEME DE REFRIGERATION A ABSORPTION, NAVIRE, STRUCTURE EN MER ET STRUCTURE SOUS L'EAU**
[72] NAKAMURA, TAKUJU, JP
[72] KAWASE, MASAKI, JP
[71] MODEC, INC., JP
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[54] **PAROI DE CHAMBRE DE COMBUSTION**
[72] SAVARY, NICOLAS, FR
[72] BERAT, CLAUDE, FR
[72] GRIENCHE, GUY, FR
[72] BERTEAU, PATRICK, FR
[72] VERDIER, HUBERT PASCAL, FR
[71] TURBOMECA, FR
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[54] **PROCESS, DEVICE AND COMPOSITE PART FOR MANUFACTURING A HYBRID LENS**
[54] **PROCEDE, DISPOSITIF ET PIECE COMPOSITE POUR LA FABRICATION D'UNE LENTILLE HYBRIDE**
[72] VEILLARD, EMMANUEL, FR
[71] LENTILLES, FR
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[25] EN
[54] **RECOVERY OF CARBOXYLIC ACID FROM THEIR MAGNESIUM SALTS BY PRECIPITATION USING HYDROCHLORIC ACID, USEFUL FOR FERMENTATION BROTH WORK-UP**
[54] **RECUPERATION D'ACIDE CARBOXYLIQUE A PARTIR DE SES SELS DE MAGNESIUM PAR PRECIPITATION EN UTILISANT DE L'ACIDE CHLORHYDRIQUE, UTILE POUR LA PURIFICATION DE BOUILLON DE FERMENTATION**
[72] DE HAAN, ANDRE BANIER, NL
[72] VAN BREUGEL, JAN, NL
[72] VAN DER WEIDE, PAULUS LODUVICUS JOHANNES, NL
[72] JANSEN, PETER PAUL, NL
[72] VIDAL LANCIS, JOSE MARIA, NL
[72] CERDA BARO, AGUSTIN, NL
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[25] EN
[54] **A SURGICAL SUTURE APPARATUS**
[54] **APPAREIL DE SUTURE CHIRURGICALE**
[72] HOLWERDA, TAKO-JAN, NL
[71] MELLON MEDICAL B.V., NL
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[54] **PINCE A FOURCHONS POUR MACHINE A SODAS**
[72] RING, ALLAN, IL
[72] COHEN, AVI, IL
[72] KROM, DORON, IL
[72] HARDUFF, HAGAI, IL
[72] AVIGDOR, AMIT, IL
[71] SODASTREAM INDUSTRIES LTD., IL
[85] 2014-01-30
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[30] US (61/521,794) 2011-08-10
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[25] EN
[54] **CO2 RECOVERY APPARATUS AND CO2 RECOVERY METHOD**
[54] **DISPOSITIF ET PROCEDE DE RECUPERATION DE CO2**
[72] TSUJIUCHI, TATSUYA, JP
[72] TANAKA, HIROSHI, JP
[72] NAGAYASU, HIROMITSU, JP
[72] HIRATA, TAKUYA, JP
[72] OISHI, TSUYOSHI, JP
[72] KAMIJO, TAKASHI, JP
[72] TATSUMI, MASAHIKO, JP
[72] YAGI, YASUYUKI, JP
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[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[71] THE KANSAI ELECTRIC POWER CO., INC., JP
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[54] **MEMBRANE RECYCLABLE FORMANT BARRIERE A L'AIR POUR BATIMENT**
[72] SNYDER, LELAND D., US
[72] JOHNSON, PHILIP L., US
[71] VAPROSHIELD, LLC, US
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[54] **APPAREIL ET PROCEDE POUR DENSIFIER UN MAT FIBREUX**
[72] WHITE, JAMES MICHAEL, US
[72] SEALE, ROY DANIEL, US
[72] CLARK, DON ROBERTS, US
[71] SCRIMTEC HOLDINGS, LLC, US
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[54] **GENERATEUR D'HYDROGENE GAZEUX**
[72] STIMITS, JASON L., US
[72] ZHENG, GUANGHONG, US
[71] EVEREADY BATTERY COMPANY, INC., US
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[54] **COSMETIC LIQUID EXTRACTOR COMPRISING NONIONIC POLYMERS**
[54] **EXTRACTEUR DE LIQUIDE COSMETIQUE COMPORTANT DES POLYMERES NON IONIQUES**
[72] WEI, XIAOLAN, US
[72] URIBE, SANTIAGO, US
[72] MAZICH, DESIREE, US
[72] HIGGINS, EILEEN, A., US
[71] AVON PRODUCTS, INC., US
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[54] **RIDGE CAP WITH ASPHALTIC FOAM MATERIALS**
[54] **COUVERTURE DE FAITE COMPRENANT DES MATERIAUX MOUSSES A BASE D'ASPHALTE**
[72] THAGARD, GEORGE F., III, US
[72] TZENG, CASEY G., US
[71] DEVPAT, LLC, US
[85] 2014-01-30
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[54] **RACCORDS VIS LUER RETRACTABLES**
[72] LEE, ERIC, US
[72] DAVIS, SHERMAN GEORGE, US
[71] ALCON RESEARCH, LTD., US
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[54] **CORRECTION DE DONNEES SISMIQUES DE LAPS DE TEMPS POUR UNE COUVERTURE ET A DES FINS D'ENREGISTREMENT**
[72] BURNSTAD, ROY M., SA
[71] SAUDI ARABIAN OIL COMAPNY, SA
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[54] **BIOCOMPATIBLE WIRE BATTERY**
[54] **BATTERIE A FIL BIOCOMPATIBLE**
[72] OTTS, DANIEL B., US
[72] HARDY, KATHERINE ROWAN, US
[72] PUGH, RANDALL BRAXTON, US
[72] KERNICK, EDWARD R., US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
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[54] **MINIATURE TACK PINS**
[54] **PUNAISES MINIATURES**
[72] MALONEY, MICHAEL, US
[71] PEM MANAGEMENT, INC., US
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[54] **SYSTEMS AND PROGRAM PRODUCT FOR PERFORMING A FULLY AUTOMATED WORKFLOW FOR WELL PERFORMANCE MODEL CREATION AND CALIBRATION**
[54] **SYSTEMES ET PROGRAMME D'EXECUTION D'UN PROCESSUS ENTIEREMENT AUTOMATISE POUR LA CREATION ET L'ETALONNAGE D'UN MODELE DE PERFORMANCES DE PUITS**
[72] AL-SHAMMARI, AHMAD TARIQ, SA
[71] SAUDI ARABIAN OIL COMAPNY, SA
[85] 2014-01-30
[86] 2012-07-26 (PCT/US2012/048337)
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[25] EN
[54] **LED-BASED ILLUMINATION MODULE WITH PREFERENTIALLY ILLUMINATED COLOR CONVERTING SURFACES**
[54] **MODULE D'ECLAIRAGE A BASE DE DIODES ELECTROLUMINESCENTES MUNI DE SURFACES DE CONVERSION DE COULEUR ECLAIREES DE FACON PREFERENTIELLE**
[72] HARBERS, GERARD, US
[71] XICATO, INC., US
[85] 2014-01-30
[86] 2012-07-30 (PCT/US2012/048867)
[87] (WO2013/019737)
[30] US (61/514,233) 2011-08-02
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[25] EN
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[54] **MODULE D'ECLAIRAGE A BASE DE DIODES ELECTROLUMINESCENTES MUNI DE SURFACES DE CONVERSION DE COULEUR ECLAIREES DE FACON PREFERENTIELLE**
[72] HARBERS, GERARD, US
[72] BIERHUIZEN, SERGE J.A., US
[72] LUO, HONG, US
[71] XICATO, INC., US
[85] 2014-01-30
[86] 2012-07-30 (PCT/US2012/048869)
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[54] **GRAPHIC ARTICLE**
[54] **ARTICLE GRAPHIQUE**
[72] STEELMAN, RONALD S., US
[72] NIELSEN, JOHN A., US
[72] LYON, KEITH R., US
[72] DENNISON, KATHLEEN A., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **METHOD AND COMPOSITION FOR IN SITU FORMATION OF AN ARTIFICIAL BLOCKAGE TO CONTROL BLOOD LOSS**
[54] **PROCEDE ET COMPOSITION POUR LA FORMATION IN SITU D'UN BLOCAGE ARTIFICIEL POUR SUPPRIMER UNE PERTE DE SANG**
[72] MUKHOPADHYAY, KAUSIK, US
[72] RANGAN, KRISHNASWAMY K., US
[72] SUDARSHAN, TIRUMALAI S., US
[71] MATERIALS MODIFICATION, INC., US
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[54] **BRANCHED STENT GRAFT DEVICE AND DEPLOYMENT**
[54] **DISPOSITIF DE GREFFE D'ENDOPROTHESE RAMIFIEE ET DEPLOIEMENT**
[72] DAKE, MICHAEL D., US
[72] LOVEKAMP, JOSHUA J., US
[72] NILSON, MICHAEL D., US
[72] SHAW, EDWARD E., US
[71] W.L. GORE & ASSOCIATES, INC., US
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[25] FR
[54] **METHOD FOR PREPARING A FOOD COMPOSITION USING CREAM OF RICE**
[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION ALIMENTAIRE A BASE DE CREME DE RIZ**
[72] PARKOO, KOUDJO DODZI SELOM, FR
[71] PARKOO, KOUDJO DODZI SELOM, FR
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[54] **DISPOSITIF D'ADMINISTRATION DE COMPOSITION COMPRENANT UNE COMPOSITION HYDRATANTE**
[72] JONES, NEIL JOHN, GB
[72] STEPHENS, ALISON FIONA, GB
[72] SCHWARTZ, JAMES ROBERT, US
[71] THE GILLETTE COMPANY, US
[85] 2014-01-30
[86] 2012-08-15 (PCT/US2012/050886)
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[54] **SKIN ENGAGING MEMBER COMPRISING AN ANTI-IRRITATION AGENT**
[54] **ELEMENT D'ENGAGEMENT AVEC LA PEAU COMPRENANT UN AGENT ANTI-IRRITATION**
[72] BRADFORD, VALERIE JEAN, US
[72] KWIECIEN, MICHAEL JOSEPH, US
[72] COFFINDAFFER, TIMOTHY WOODROW, US
[72] LAMMERS, KAREN MARIE, US
[72] SMITH, EDWARD DEWEY, III, US
[72] COOK, JASON EDWARD, US
[72] LIMBERG, BRIAN JOSEPH, US
[71] THE GILLETTE COMPANY, US
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[54] **EXPANDABLE IMPLANT**
[54] **IMPLANT EXPANSIBLE**
[72] ALHEIDT, THOMAS, US
[72] MILZ, BRYAN D., US
[72] BOLJONIS, DAN, US
[72] DOREAU, JULIEN, FR
[72] HERRMANN, CHRISTINE, US
[71] STRYKER SPINE, FR
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[54] **IMPROVEMENTS RELATING TO PRINTING**
[54] **AMELIORATIONS SE RAPPORTANT A L'IMPRESSION**
[72] STEVENS, GERARD, AU
[71] MANREX PTY. LTD., AU
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[54] **DETERMINATION DE LA DIRECTION DE DEPLACEMENT D'UN USAGER AU MOYEN DE SIGNAUX DE BRUIT TRANSMIS PAR DES SYSTEMES DE NAVIGATION PAR INERTIE, SUR DES DISPOSITIFS MOBILES**
[72] YANG, QINGXUAN, CN
[72] CHANG, EDWARD Y., US
[71] GOOGLE INC., US
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[25] EN
[54] **SUSPENSION LINER WITH SEAL COMPONENT**
[54] **MANCHON DE SUSPENSION DOTE D'UN COMPOSANT DE JOINT D'ETANCHEITE**
[72] HALLDORSSON, OLAFUR FREYR, US
[71] OSSUR HF, IS
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[54] **INSULATED GATE BIPOLAR TRANSISTOR HEAT DISSIPATION STRUCTURE OF MOTOR CONTROLLER**
[54] **STRUCTURE DE DISSIPATION DE CHALEUR DE TRANSISTOR BIPOLAIRE A GRILLE ISOLEE D'UN DISPOSITIF DE COMMANDE DE MOTEUR**
[72] WU, YONGHUA, CN
[72] ZHAO, YONG, CN
[71] ZHONGSHAN BROAD-OCEAN MOTOR MANUFACTURING CO., LTD., CN
[71] ZHONGSHAN BR0AD-OCEAN MOTOR MANUFACTURING CO., LTD, CN
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[54] **DETECTION RAPIDE D'ACTIVITE METABOLIQUE**
[72] VERMA, RAVI KANT, US
[72] IBRAHIM, ASHRAF SAMIR, US
[72] ZANGWILL, KENNETH MATTHEW, US
[71] SPECTRAL PLATFORMS, INC., US
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[25] EN
[54] **SYSTEMS AND METHODS FOR IMPROVING FLUX IN OSMOTICALLY DRIVEN MEMBRANE SYSTEMS**
[54] **SYSTEMES ET PROCEDES AMELIORANT L'ECOULEMENT DANS DES SYSTEMES MEMBRANAIRES A ENTRAINEMENT OSMOTIQUE**
[72] MCGINNIS, ROBERT, US
[71] OASYS WATER, INC., US
[85] 2014-01-30
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[54] **VERTICALLY INTERLEAVED DISTRIBUTED ANTENNA SYSTEM**
[54] **SYSTEME D'ANTENNE DISTRIBUEE A ENTRELACEMENT VERTICAL**
[72] CHAN, PHILLIP MAN WAI, CA
[72] DRAPER, MARC-ERIC THOMAS, CA
[72] CHEN, PENG, CA
[72] CHANG, PHING CHU, CA
[71] ROGERS COMMUNICATIONS INC., CA
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[54] **RENAL CELL CARCINOMA BIOMARKERS AND USES THEREOF**
[54] **BIOMARQUEURS DU CARCINOME CELLULAIRE RENAL ET LEURS UTILISATIONS**
[72] OSTROFF, RACHEL M., US
[72] WILLIAMS, STEPHEN ALARIC, US
[72] RIEL-MEHAN, MICHAEL, US
[72] BRODY, EDWARD N., US
[72] STEWART, ALEX A.E., US
[72] KATO, SHINTARO, US
[71] SOMALOGIC, INC., US
[85] 2014-01-30
[86] 2012-08-22 (PCT/US2012/051944)
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[25] EN
[54] **BRANCHED POLYESTER POLYMERS COMPRISING ISOPHTHALIC ACID AND COATINGS COMPRISING THE SAME**
[54] **POLYMERES DE POLYESTER RAMIFIE COMPRENANT DE L'ACIDE ISOPHTALIQUE ET REVETEMENTS EN CONTENANT**
[72] MAUER, GEORGE W., III, US
[72] SINGER, DEBRA L., US
[72] DONALDSON, SUSAN F., US
[72] SCHWENDEMAN, JOHN E., US
[72] FURAR, JOHN M., US
[72] MILLERO, EDWARD R., JR., US
[72] FITZGERALD, LAWRENCE J., US
[72] SWARUP, SHANTI, US
[72] TUCKER, MARK A., US
[72] DAU, THI BACH-PHUONG, DE
[72] CHASSER, ANTHONY M., US
[71] PPG INDUSTRIES OHIO, INC., US
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[54] **A BREWING DEVICE**
[54] **DISPOSITIF D'INFUSION**
[72] PETERSEN, KIM VIBE, DK
[71] SCANOMAT A/S, DK
[85] 2014-01-31
[86] 2011-09-07 (PCT/DK2011/000100)
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[54] **PROCESS FOR RECOVERING METALS BY REDUCTION AND CARBONYLATION**
[54] **PROCEDE POUR LA RECUPERATION DE METAUX PAR REDUCTION ET CARBONYLATION**
[72] TEREKHOV, DMITRI, CA
[72] VICTOR EMMANUEL, NANTHAKUMAR, CA
[72] KHOZAN, KAMRAN, AE
[72] VAN DER LINDE, COLWYN, ZA
[71] CVMR CORPORATION, CA
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[30] US (61/514,286) 2011-08-02

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[54] **PACKAGING CONTAINER**
[54] **RECIPIENT D'EMBALLAGE**
[72] STRUBBE, PETER, DE
[72] HAIMERL, RUDOLF, DE
[72] WEDI, JOHANNES, DE
[71] BISCHOF + KLEIN GMBH & CO. KG, DE
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[30] DE (20 2011 102 943.7) 2011-07-05

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[54] **BARRIER COATINGS FOR FILMS AND STRUCTURES**
[54] **REVETEMENTS BARRIERES POUR FILMS ET STRUCTURES**
[72] KRAVITZ, HOWARD S., US
[72] HOSTETTER, BARRY J., US
[71] NANOPACK, INC., US
[85] 2014-01-30
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[25] EN
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[54] **SYSTEME D'ECHANGE D'ENERGIE POUR CONDITIONNEMENT DE L'AIR DANS UNE STRUCTURE FERMEE**
[72] HEMINGSON, HOWARD BRIAN, CA
[72] GERBER, MANFRED, CA
[72] COUTU, KEN, CA
[71] VENMAR CES INC., CA
[85] 2014-01-31
[86] 2012-08-08 (PCT/CA2012/000749)
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[54] **FIXATION ELECTROSTATIQUE DE TUBES COAXIAUX**
[72] WAUGH, GREGORY M., US
[72] HOLBROOK, MICHAEL LYLE, US
[72] CLEMENTS, RONALD LAWRENCE, US
[71] THE BOEING COMPANY, US
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[54] **SCRIPT-BASED VIDEO RENDERING**
[54] **RENDU VIDEO BASE SUR UN SCRIPT**
[72] VESTERGAARD, STEVEN ERIK, CA
[72] TSUI, CHE-WAI, CA
[72] TU, SHAONING, CA
[71] DESTINY SOFTWARE PRODUCTIONS INC., CA
[85] 2014-01-31
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[54] **APPARATUS FOR ANCHORING ELECTRODE LEADS FOR USE WITH IMPLANTABLE NEUROMUSCULAR ELECTRICAL STIMULATOR**
[54] **APPAREIL D'ANCRAGE DE DERIVATIONS D'ELECTRODES UTILISE AVEC UN STIMULATEUR ELECTRIQUE NEUROMUSCULAIRE IMPLANTABLE**
[72] CROSBY, PETER ANDREW, US
[72] KIM, CHOLL, US
[72] SHIROFF, JASON ALAN, US
[72] RAWAT, PRASHANT BRIJMOHANSINGH, US
[72] SACHS, DAN, US
[71] MAINSTAY MEDICAL LIMITED, IE
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[54] **BALLONNETS ELECTRO-CHIRURGICAUX**
[72] BLOOM, ELIOT F., US
[72] PODANY, VACLAV O., US
[72] GREENLAW, CHAD M., US
[72] CONLEY, BRIAN M., US
[71] MEDTRONIC ADVANCED ENERGY LLC, US
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[25] EN
[54] **SIDE-ENTRY FITTING FOR HEAT EXCHANGER**
[54] **RACCORD D'ENTREE LATERALE POUR ECHANGEUR THERMIQUE**
[72] STEWART, NIKOLAS, CA
[72] WALLER, DOUG, CA
[72] KINDER, LEE, CA
[71] DANA CANADA CORPORATION, CA
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[54] **MULTIPART COIN BLANK AND COIN**
[54] **FLANC ET PIECE EN PLUSIEURS PARTIES**
[72] BILAS, THOMAS, DE
[72] HUBER, PETER, DE
[72] LI, KONSTANTIN, DE
[72] MAYER-STEFFENS, KLAUS, DE
[72] SIEGEL, STEPHAN, DE
[72] WAADT, GUNTHER, DE
[71] SAXONIA EUROCOIN GMBH, DE
[71] CRANE PAYMENT SOLUTIONS, DE
[71] STAATLICHE MUNZEN BADEN-WURTTEMBERG, DE
[71] BAYERISCHES HAUPTMUNZAMT, DE
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[54] **ANTI-C-MET ANTIBODIES**
[54] **ANTICORPS ANTI-C-MET**
[72] DAVIES, JULIAN, US
[72] LIU, LING, US
[72] LU, JIRONG, US
[71] ELI LILLY AND COMPANY, US
[85] 2014-01-30
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[54] **APPARATUS AND METHOD FOR DIGITAL MICROSCOPY IMAGING**
[54] **APPAREIL ET PROCEDE D'IMAGERIE MICROSCOPIE NUMERIQUE**
[72] LO, HOK MAN HERMAN, CA
[72] LIN, LI-HENG, CA
[72] CECCHETTO, BENJAMIN THOMAS, CA
[72] AFRASIABI, MOHAMMADHOSSEIN, CA
[72] LALLEMENT, SEBASTIEN, FR
[71] VIEWSIQ INC., CA
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[54] **CRYSTALLINE SOLVATES OF 6-(PIPERIDIN-4-YLOXY)-2H-ISOQUINOLIN-1-ONE HYDROCHLORIDE**
[54] **SOLVATES CRISTALLINS DE CHLORHYDRATE DE 6-(PIPERIDIN-4-YLOXY)-2H-ISOQUINOLIN-1-ONE**
[72] NAGEL, NORBERT, DE
[72] BAUMGARTNER, BRUNO, DE
[72] BERCHTOLD, HARALD, DE
[72] PLETTENBURG, OLIVER, DE
[72] KADEREIT, DIETER, DE
[72] MOHNICKE, MANDY, DE
[72] GESSLER, SIMON, DE
[72] TILLNER, JOACHIM, DE
[71] SANOFI, FR
[85] 2014-01-30
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[54] **MULTIPOINT PINCH GESTURE CONTROL OF SEARCH RESULTS**
[54] **COMMANDE DE GESTES DE PINCEMENT MULTIPOINT DE RESULTATS DE RECHERCHE**
[72] YUAN, HAN-SHEN, US
[72] MELCHER, RYAN, US
[72] YANKOVICH, STEVE, US
[71] EBAY INC., US
[85] 2014-01-30
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[25] EN
[54] **METHODS FOR DIAGNOSING AND IDENTIFYING MODULATORS OF MEMBRANE POTENTIALS IN BIPOLAR DISORDER AND ATTENTION DEFICIT HYPERACTIVITY DISORDER**
[54] **PROCEDES DE DIAGNOSTIC ET D'IDENTIFICATION DE MODULATEURS DE POTENTIELS MEMBRANAIRES DANS PSYCHOSE PERIODIQUE ET TROUBLE D'HYPERACTIVITE AVEC DEFICIT DE L'ATTENTION**
[72] THIRUVENGADAM, ALAGU P., US
[71] PSYCHNOSTICS, LLC, US
[85] 2014-01-30
[86] 2012-09-14 (PCT/US2012/055356)
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[54] **TEMPORARY SPLINT**
[54] **ATTELLE TEMPORAIRE**
[72] SCHUTZ, PATRICK, DE
[72] JORISSEN, KOEN, DE
[71] BSN MEDICAL GMBH, DE
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[25] EN
[54] **POLYMORPHS OF 6-(PIPERIDIN-4-YLOXY)-2H-ISOQUINOLIN-1-ONE HYDROCHLORIDE**
[54] **POLYMORPHES DE CHLORHYDRATE DE 6-(PIPERIDIN-4-YLOXY)-2H-ISOQUINOLIN-1-ONE**
[72] NAGEL, NORBERT, DE
[72] BAUMGARTNER, BRUNO, DE
[72] BERCHTOLD, HARALD, DE
[72] PLETTENBURG, OLIVER, DE
[72] KADEREIT, DIETER, DE
[72] MOHNICKE, MANDY, DE
[72] GESSLER, SIMON, DE
[72] TILLNER, JOACHIM, DE
[71] SANOFI, FR
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[54] **SYSTEM AND METHOD FOR MONITORING TOOLING ACTIVITIES**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE D'ACTIVITES D'OUTILLAGE**
[72] STARKEY, GLENN, US
[71] PROGRESSIVE COMPONENTS INTERNATIONAL CORPORATION, US
[85] 2014-01-30
[86] 2012-10-10 (PCT/US2012/059570)
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[25] EN
[54] **HEAT EXCHANGER AND METHOD OF MANUFACTURING THEREOF**
[54] **ECHANGEUR DE CHALEUR ET SON PROCEDE DE FABRICATION**
[72] FORTIN, JACQUES-ALEXANDRE, CA
[72] CHAGNON, MATHIEU, CA
[72] BARIBEAU, STEPHANE, CA
[71] 6637418 CANADA INC. CARRYING ON BUSINESS AS RACKAM, CA
[85] 2014-01-31
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[54] **LUBRICANT COMPOSITIONS WITH IMPROVED OXIDATION STABILITY AND SERVICE LIFE**
[54] **COMPOSITIONS LUBRIFIANTES AVEC STABILITE A L'OXYDATION ET DUREE DE VIE DE SERVICE AMELIOREES**
[72] ZEHLER, EUGENE R., US
[71] COGNIS IP MANAGEMENT GMBH, DE
[85] 2014-01-31
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[54] **ANTI-INFLAMMATORY STEROIDS CONDENSED IN POSITION 16,17 WITH PYRROLIDINE RING**
[54] **STEROIDES ANTI-INFLAMMATOIRES CONDENSES EN POSITION 16,17 AVEC UN CYCLE PYRROLIDINE**
[72] GHIDINI, ELEONORA, IT
[72] CAPELLI, ANNA MARIA, IT
[71] CHIESI FARMACEUTICI S.P.A., IT
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[86] 2012-07-06 (PCT/EP2012/063239)
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[54] **RECESSED HOLLOW PROFILE**
[54] **PROFILE DE MONTAGE**
[72] MERSCHER, MICHAEL, DE
[71] LUNOS LUFTUNGSTECHNIK GMBH FUR RAUMLUFTSYSTEME, DE
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[54] **METHOD FOR EXTENDING A NETWORK OF EXISTING FRACTURES**
[54] **PROCEDE D'EXTENSION D'UN RESEAU DE FRACTURES EXISTANTES**
[72] LEON, JEAN-FRANCOIS, FR
[71] TOTAL SA, FR
[85] 2014-01-31
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[51] **Int.Cl. G08B 13/14 (2006.01) G08B 29/04 (2006.01)**
[25] EN
[54] **ANTI-THEFT DEVICE FOR OBJECTS ON DISPLAY**
[54] **DISPOSITIF ANTIVOL POUR DES OBJETS EN PRESENTATION**
[72] TINTI, FABRIZIO, IT
[71] TOTAL PROTECTION SERVICE S.R.L., IT
[85] 2014-01-30
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[51] **Int.Cl. C07C 273/04 (2006.01) B01J 19/24 (2006.01)**
[25] EN
[54] **A CARBON DIOXIDE STRIPPING UREA PLANT WITH A NATURAL-CIRCULATION SYNTHESIS LOOP AND A METHOD FOR RETROFITTING SUCH PLANT**
[54] **INSTALLATION DE PRODUCTION D'UREE PAR DESORPTION DE DIOXYDE DE CARBONE AVEC UNE BOUCLE DE SYNTHESE A CIRCULATION NATURELLE ET PROCEDE POUR LE RATTRAPAGE D'UNE TELLE INSTALLATION**
[72] PENNINO, LORENZO, CH
[71] UREA CASALE SA, CH
[85] 2014-01-31
[86] 2012-04-25 (PCT/EP2012/057531)
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[30] EP (11180730.1) 2011-09-09

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[51] **Int.Cl. C22B 3/26 (2006.01) C22B 3/28 (2006.01) C22B 11/00 (2006.01)**
[25] EN
[54] **PROCESS OF LEACHING PRECIOUS METALS**
[54] **PROCEDE DE LIXIVIATION DE METAUX PRECIEUX**
[72] XIA, CHEN, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA, CA
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[25] EN
[54] **METHOD FOR MAKING A CATALYST COMPRISING A PHOSPHORUS MODIFIED ZEOLITE AND USE OF SAID ZEOLITE**
[54] **PROCEDE DE FABRICATION D'UN CATALYSEUR COMPRENANT UNE ZEOLITHE MODIFIEE PAR DU PHOSPHORE ET UTILISATION DE LADITE ZEOLITHE**
[72] NESTERENKO, NIKOLAI, BE
[72] MINOUX, DELPHINE, BE
[72] ADAM, CINDY, BE
[72] DATH, JEAN-PIERRE, BE
[71] TOTAL RESEARCH & TECHNOLOGY FELUY, BE
[85] 2014-01-30
[86] 2012-07-25 (PCT/EP2012/064582)
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[51] **Int.Cl. A61K 36/064 (2006.01) A61K 38/44 (2006.01) A61P 3/04 (2006.01)**
[25] EN
[54] **FORMULATIONS COMPRISING SACCHAROMYCES BOULARDII AND SUPEROXIDE DISMUTASE (SOD) TO CONTROL OBESITY**
[54] **FORMULATIONS CONTENANT SACCHAROMYCES BOULARDII ET UNE SUPEROXYDE DISMUTASE (SOD) POUR LUTER CONTRE L'OBESITE**
[72] CASTAGLIUOLO, IGNAZIO, IT
[72] BRUN, PAOLA, IT
[72] BUSIELLO, IMMACOLATA, IT
[72] MIRAGLIA, NICCOLO, IT
[71] GNOSIS SPA, IT
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[25] EN
[54] **CAN MANUFACTURE**
[54] **FABRICATION DE BOITE**
[72] PRESSET, ALAIN, FR
[72] VINCENT, KEITH ALAN, GB
[72] MONRO, STUART ALEXANDER, GB
[71] CROWN PACKAGING TECHNOLOGY, INC., US
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[51] **Int.Cl. B23B 27/16 (2006.01)**
[25] EN
[54] **CUTTING TOOL AND CLAMPING MECHANISM FOR HOLDING A CUTTING INSERT THERETO**
[54] **OUTIL DE COUPE ET MECANISME DE BLOCAGE DESTINE A PORTER UN INSERT DE COUPE**
[72] HECHT, GIL, IL
[72] CHEN, DANNY, IL
[71] ISCAR LTD., IL
[85] 2014-01-31
[86] 2012-07-17 (PCT/IL2012/050250)
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[30] US (61/514,322) 2011-08-02

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[51] **Int.Cl. C21C 1/02 (2006.01) C21C 7/00 (2006.01) C21C 7/064 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DEPHOSPHORISING LIQUID HOT METAL SUCH AS LIQUID BLAST FURNACE IRON**
[54] **PROCEDE ET APPAREIL PERMETTANT DE DEPHOSPHORER UN METAL LIQUIDE CHAUD TEL QUE DU FER LIQUIDE DE HAUT-FOURNEAU**
[72] MILLMAN, MAURICE STUART, NL
[71] TATA STEEL UK LTD, NL
[71] TATA STEEL UK LTD., NL
[85] 2014-01-30
[86] 2012-07-31 (PCT/EP2012/064953)
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[54] **SEAL GAS MONITORING AND CONTROL SYSTEM**
[54] **SYSTEME DE SURVEILLANCE ET DE COMMANDE DE GAZ D'ETANCHEITE**
[72] DELRAHIM, JOE, US
[72] HOSKING, PAUL A., US
[71] JOHN CRANE INC., US
[85] 2014-01-30
[86] 2012-08-01 (PCT/US2012/049196)
[87] (WO2013/019884)
[30] US (61/514,732) 2011-08-03

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[51] **Int.Cl. H01F 29/02 (2006.01) G05F 1/14 (2006.01)**
[25] EN
[54] **AN IMPROVED, HIGH-EFFICIENCY, ENERGY-SAVING DEVICE FOR INSERTING BETWEEN A POWER SOURCE AND A MOTIVE AND/OR LIGHTING POWER LOAD**
[54] **DISPOSITIF AMELIORE PERMETTANT D'ECONOMISER L'ENERGIE A HAUTE PERFORMANCE DESTINE A ETRE INSERE ENTRE UN BLOC D'ALIMENTATION ET UNE CHARGE MOBILE ET/OU A POUVOIR ECLAIRANT**
[72] D'ANTUONO, ERNESTO, IT
[71] ENERGIA EUROPA S.P.A., IT
[85] 2014-01-31
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[25] FR
[54] **AIRCRAFT PROPULSION ARCHITECTURE INTEGRATING AN ENERGY RECOVERY SYSTEM**
[54] **ARCHITECTURE DE PROPULSION D'AERONEF INTEGRANT UN SYSTEME DE RECUPERATION D'ENERGIE**
[72] RECHAIN, BRUNO, FR
[72] SMAOUI, HICHEM, FR
[72] JOUBERT, EMMANUEL, FR
[72] BEZES, GILLES, FR
[72] SAUTREUIL, MATTHIEU, FR
[71] EUROPEAN AERONAUTIC DEFENCE AND SPACE COMPANY EADS FRANCE, FR
[71] EUROCOPTER, FR
[85] 2014-01-31
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[30] FR (1157122) 2011-08-03

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[25] EN
[54] **METHOD AND SYSTEM FOR CONTROLLING HYDROELECTRIC TURBINES**
[54] **PROCEDE ET SYSTEME PERMETTANT DE CONTROLER DES TURBINES HYDROELECTRIQUES**
[72] SPOONER, EDWARD, GB
[72] CAWTHORNE, SIMON, IE
[72] KHOO, WEE KEONG, IE
[71] OPENHYDRO IP LIMITED, IE
[85] 2014-01-31
[86] 2012-08-10 (PCT/EP2012/065701)
[87] (WO2013/024034)
[30] GB (1113932.6) 2011-08-12
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[54] **HYPOALLERGENIC VARIANTS OF MAL D 1, THE MAJOR ALLERGEN FROM MALUS DOMESTICA**
[54] **VARIANTS HYPOALLERGENIQUES DE MAL D 1, L'ALLERGENE PRINCIPAL DE MALUS DOMESTICA**
[72] MISTRELLO, GIOVANNI, IT
[72] ZANOTTA, STEFANIA, IT
[72] RONCAROLO, DANIELA, IT
[71] LOFARMA S.P.A., IT
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[25] EN
[54] **PHENYL-3-AZA-BICYCLO[3.1.0]HEX-3-YL-METHANONES AND THE USE THEREOF AS MEDICAMENT**
[54] **PHENYL-3-AZA-BICYCLO[3.1.0]HEX-3-YL-METHANONES ET LEUR UTILISATION EN TANT QUE MEDICAMENT**
[72] GIOVANNINI, RICCARDO, DE
[72] BERTANI, BARBARA, DE
[72] FERRARA, MARCO, DE
[72] LINGARD, IAIN, DE
[72] MAZZAFERRO, ROCCO, DE
[72] ROSENBROCK, HOLGER, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[54] **IMPEDANCE MEASURING DEVICES AND METHODS FOR EMERGENCY CARDIOVASCULAR CARE**
[54] **DISPOSITIFS DE MESURE D'IMPEDANCE ET METHODES DE SOINS CARDIOVASCULAIRES D'URGENCE**
[72] FREEMAN, JENNY E., US
[72] LALLI, MICHAEL, US
[72] KARCZ, ANITA, US
[72] PANASYUK, ALEXANDER, US
[72] BOKHENIK, ROMAN, US
[72] BOCK, MALCOM, US
[71] RESPIRATORY MOTION, INC., US
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[25] EN
[54] **METHOD AND SYSTEM FOR CONTROLLING HYDROELECTRIC TURBINES**
[54] **PROCEDE ET SYSTEME PERMETTANT DE CONTROLER DES TURBINES HYDROELECTRIQUES**
[72] SPOONER, EDWARD, GB
[72] CAWTHORNE, SIMON, IE
[72] KHOO, WEE KEONG, IE
[71] OPENHYDRO IP LIMITED, IE
[85] 2014-01-31
[86] 2012-08-10 (PCT/EP2012/065708)
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[25] EN
[54] **APPARATUS AND METHOD FOR DETERMINING THE EFFECTIVE CASEHARDENING OR NITRIDING DEPTH OF STEEL COMPONENTS, IN PARTICULAR GEARS**
[54] **APPAREIL ET PROCEDE POUR DETERMINER LA PROFONDEUR EFFECTIVE D'UN DURCISSEMENT SUPERFICIEL OU NITRURATION DE COMPOSANTS METALLIQUES, NOTAMMENT D'ENGRENAGES**
[72] MILLETARI, SALVATORE, IT
[72] GIUNTA, SALVATORE, IT
[71] GE AVIO S.R.L., IT
[85] 2014-01-02
[86] 2012-07-04 (PCT/IB2012/053422)
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[54] **SUBSTITUTED 3-(BIPHENYL-3-YL)-4-HYDROXY-8-METHOXY-1-AZASPIRO[4.5]DEC-3-EN-2-ONE**
[54] **3-(BIPHENYL-3-YL)-4-HYDROXY-8-METHOXY-1-AZASPIRO[4.5]DEC-3-EN-2-ONE SUBSTITUEE**
[72] LIU, NINGSHU, DE
[72] THEDE, KAI, DE
[72] MONNING, URSULA, DE
[72] SCHOLZ, ARNE, DE
[72] HILGER, CHRISTOPH-STEPHAN, DE
[72] BOMER, ULF, DE
[72] FISCHER, REINER, DE
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2014-01-31
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[25] EN
[54] **METHOD AND SYSTEM FOR CONTROLLING HYDROELECTRIC TURBINES**
[54] **PROCEDE ET SYSTEME PERMETTANT DE CONTROLER DES TURBINES HYDROELECTRIQUES**
[72] SPOONER, EDWARD, GB
[72] CAWTHORNE, SIMON, IE
[72] KHOO, WEE KEONG, IE
[71] OPENHYDRO IP LIMITED, IE
[85] 2014-01-31
[86] 2012-08-10 (PCT/EP2012/065715)
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[54] **DISPENSER LOCKOUT MECHANISM**
[54] **MECANISME DE VERROUILLAGE DE DISTRIBUTEUR**
[72] CIAVARELLA, NICK, US
[72] HAYES, DAVID, US
[71] GOJO INDUSTRIES, INC., US
[85] 2014-01-30
[86] 2012-08-02 (PCT/US2012/049279)
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[25] EN
[54] **DEVICES, SYSTEMS, AND METHODS FOR GAMES, SPORTS, ENTERTAINMENT AND OTHER ACTIVITIES OF ENGAGEMENT**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES POUR DES JEUX, DES SPORTS, UN DIVERTISSEMENT ET D'AUTRES ACTIVITES D'ENGAGEMENT**
[72] ROGEL, LAWRENCE S., US
[72] OSSENMACHER, JASON J., US
[72] WILLIAMS, JON, US
[72] WITMER, DAVID, US
[72] GARCIA, MATT, US
[71] INTELLISYSGROUP LLC, US
[85] 2014-01-30
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[30] US (61/514,773) 2011-08-03
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[25] EN
[54] **A HYDROELECTRIC TURBINE COIL ARRANGEMENT**
[54] **AGENCEMENT DE BOBINES DE TURBINE HYDROELECTRIQUE**
[72] SPOONER, EDWARD, GB
[71] OPENHYDRO IP LIMITED, IE
[85] 2014-01-31
[86] 2012-08-08 (PCT/EP2012/065520)
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[54] **FLOW SENSOR**
[54] **CAPTEUR DE DEBIT**
[72] BERGER, STEFAN, CH
[72] ZUMBRUNNEN, SIMON, CH
[72] MARMET, PHILIP, CH
[72] HASLEBACHER, PHILIPP, CH
[72] SCHAR, MANFRED, CH
[71] RESEACHEM GMBH, CH
[85] 2014-01-31
[86] 2012-08-21 (PCT/EP2012/066227)
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[25] EN
[54] **SIGNATURE-BASED TRICK DETERMINATION SYSTEMS AND METHODS FOR SKATEBOARDING AND OTHER ACTIVITIES OF MOTION**
[54] **SYSTEME DE DETERMINATION DE MAN□UVRE SUR LA BASE DE SIGNATURE ET PROCEDES PERMETTANT DE PRATIQUER LE SKATEBOARD ET D'AUTRES ACTIVITES DE MOUVEMENT**
[72] ROGEL, LAWRENCE S., US
[72] OSSENMACHER, JASON J., US
[72] WILLIAMS, JON, US
[72] WITMER, DAVID, US
[72] GARCIA, MATT, US
[71] INTELLISYSGROUP LLC, US
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[54] **PROCESS FOR PREPARING SULFATES AND/OR SULFONATES IN A MICRO-REACTION SYSTEM**
[54] **PROCEDE DE PREPARATION DE SULFATES ET/OU DE SULFONATES DANS UN SYSTEME MICRO-REACTIONNEL**
[72] BECHERER, MIRIAM, DE
[72] GUTSCHE, BERNHARD, DE
[72] MULLER-MESKAMP, SASKIA, DE
[72] KRUPPA, THOMAS, DE
[72] KRAFT, KJELD, DE
[71] COGNIS IP MANAGEMENT GMBH, DE
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[25] EN
[54] **SOLAR CONCENTRATORS, METHOD OF MANUFACTURING AND USES THEREOF**
[54] **CONCENTRATEURS SOLAIRES, PROCEDE DE FABRICATION ET UTILISATIONS DE CEUX-CI**
[72] FORTIN, JACQUES-ALEXANDRE, CA
[72] CHAGNON, MATHIEU, CA
[72] BARIBEAU, STEPHANE, CA
[71] 6637418 CANADA INC. CARRYING ON BUSINESS AS RACKAM, CA
[85] 2014-01-29
[86] 2012-08-03 (PCT/CA2012/050531)
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[51] **Int.Cl. G10L 19/00 (2013.01)**
[25] EN
[54] **OPTIMAL MIXING MATRICES AND USAGE OF DECORRELATORS IN SPATIAL AUDIO PROCESSING**
[54] **MATRICES DE MIXAGE OPTIMALES ET UTILISATION DE DECORRELATEURS DANS UN PROCESSUS AUDIO SPATIAL**
[72] VILKAMO, JUHA, FI
[72] BACKSTROM, TOM, DE
[72] KUCH, FABIAN, DE
[72] KUNTZ, ACHIM, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUND DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **CONNECTOR**
[54] **CONNECTEUR**
[72] FAWCETT, MICHAEL JOHN, GB
[71] ROTA ENGINEERING LIMITED, GB
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[54] **ATHLETIC SHORT POCKET**
[54] **POCHE DE SHORT DE SPORT**
[72] EMICH, KELLY, US
[72] ROD, RON, US
[72] YU, JENNY, US
[71] DASHAMERICA, INC. D/B/A PEARL IZUMI USA, INC., US
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[25] EN
[54] **COATING COMPOSITION**
[54] **COMPOSITION DE REVETEMENT**
[72] PRESTON, JANET, GB
[72] O'NEILL, GRAHAM, GB
[72] PHIPPS, JONATHAN, GB
[71] IMERYS MINERALS LIMITED, GB
[85] 2014-01-31
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[54] **RESPONSIVE LOAD CONTROL METHOD**
[54] **PROCEDE DE CONTROLE DE CHARGE SENSIBLE**
[72] BLOOR, KATIE, GB
[72] ROUSSOPOULOS, KIMON, GB
[71] OPEN ENERGI LIMITED, GB
[85] 2014-01-31
[86] 2012-08-03 (PCT/GB2012/051892)
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[25] EN
[54] **ACCOUNT ACCESS AT POINT OF SALE**
[54] **ACCES A UN COMPTE DANS UN POINT DE VENTE**
[72] ASAR, SYED FAYEZ, US
[72] CHU, PETER, US
[72] BAIG, ATTAULLAH, US
[72] STRINGFELLOW, WEST, US
[72] RAMTEKKAR, PRAVIR, US
[72] ANSARI, ANSAR, US
[71] EBAY INC., US
[85] 2014-01-30
[86] 2012-08-03 (PCT/US2012/049597)
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[25] EN
[54] **PROCESS FOR THE PREPARATION OF CRYSTALLINE FORM I OF AGOMELATINE**
[54] **PROCEDE DE PREPARATION DE LA FORME CRISTALLINE I DE L'AGOMELATINE**
[72] BERTOLINI, GIORGIO, IT
[72] DE ANGELIS, BRUNO, IT
[71] LABORATORIO CHIMICO INTERNAZIONALE S.P.A., IT
[85] 2014-01-31
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[25] FR
[54] **DEVICE WITH SEVERAL REACTION CHAMBERS FOR IMPLEMENTING LIQUID/SOLID OXIDATION-REDUCTION REACTIONS IN A FLUIDIZED BED**
[54] **DISPOSITIF A PLUSIEURS CHAMBRES DE REACTION POUR LA MISE EN □UVRE DE REACTIONS LIQUIDES/SOLIDES D'OXYDO-REDUCTION EN LIT FLUIDISE**
[72] LANCON, FRANCK, CL
[71] LEFORT, GUILLAUME, GB
[85] 2014-01-31
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[25] EN
[54] **A DRIVE ARRANGEMENT FOR A WIND TURBINE**
[54] **AGENCEMENT DE COMMANDE POUR EOLIENNE**
[72] DEWAR, ALAN BRADLEY, GB
[72] EDMONDSON, SCOTT DOUGLAS, GB
[72] TRAN, SCOTT, GB
[71] DAVID BROWN WIND UK LIMITED, GB
[85] 2014-01-31
[86] 2012-08-03 (PCT/GB2012/051893)
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[13] A1
[51] **Int.Cl. A61F 2/38 (2006.01)**
[25] EN
[54] **TEMPORARY MODULAR SPACER DEVICE FOR JOINTS OF THE HUMAN BODY**
[54] **DISPOSITIF ECARTEUR MODULAIRE TEMPORAIRE POUR LES ARTICULATIONS DU CORPS HUMAIN**
[72] SOFFIATTI, RENZO, IT
[72] FACCIOLI, GIOVANNI, IT
[71] TECRES S.P.A., IT
[85] 2014-01-31
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[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **TARGETED TELEVISION ADVERTISING BASED ON PROFILES LINKED TO MULTIPLE ONLINE DEVICES**
[54] **PUBLICITE TELEVISEE CIBLEE BASEE SUR DES PROFILS LIES A DE MULTIPLES DISPOSITIFS EN LIGNE**
[72] SHKEDI, ROY, US
[72] BEN-YISHAI, DROR, IL
[71] INTENT IQ, LLC, US
[85] 2014-01-30
[86] 2012-08-03 (PCT/US2012/049623)
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[30] US (61/514,840) 2011-08-03

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[25] EN
[54] **NOVEL PHTHALOCYANINE DERIVATIVES FOR THERAPEUTIC USE**
[54] **NOUVEAUX DERIVES DE PHTALOCYANINE POUR UNE UTILISATION THERAPEUTIQUE**
[72] DEI, DONATA, IT
[72] RONCUCCI, GABRIO, IT
[72] SOLDAINI, GIANLUCA, IT
[72] NISTRI, DANIELE, IT
[72] CHITI, GIACOMO, IT
[72] MUNICCHI, MOIRA, IT
[72] FANTETTI, LIA, IT
[72] GIULIANI, FRANCESCO, IT
[71] MOLTENI THERAPEUTICS S.R.L., IT
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[25] EN
[54] **COMMUNICATION SYSTEM, TRANSMITTER APPARATUS AND RECEIVER APPARATUS**
[54] **SYSTEME DE COMMUNICATION, APPAREIL EMETTEUR ET APPAREIL RECEPTEUR**
[72] ABE, JUN-ICHI, JP
[72] KOBAYASHI, KIYOSHI, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[85] 2014-01-31
[86] 2012-09-25 (PCT/JP2012/006076)
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[25] EN
[54] **DAMPER**
[54] **AMORTISSEUR**
[72] KUMAZAWA, KATSUTOSHI, JP
[72] YOSHIMOTO, DAISUKE, JP
[71] OILES CORPORATION, JP
[85] 2014-01-31
[86] 2012-05-16 (PCT/JP2012/062485)
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[30] JP (2011-190176) 2011-08-31

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[25] EN
[54] **VEHICULAR DRIVING SUPPORT SYSTEM**
[54] **SYSTEME D'ASSISTANCE A LA CONDUITE D'UN VEHICULE**
[72] IGARASHI, SHINJI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2014-01-31
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[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4439 (2006.01) A61K 31/513 (2006.01) A61K 31/5377 (2006.01) A61K 31/539 (2006.01) A61K 31/54 (2006.01) A61P 1/02 (2006.01) A61P 1/04 (2006.01) A61P 1/16 (2006.01) A61P 1/18 (2006.01) A61P 9/08 (2006.01) A61P 9/10 (2006.01) A61P 11/00 (2006.01) A61P 11/06 (2006.01) A61P 11/08 (2006.01) A61P 13/12 (2006.01) A61P 15/06 (2006.01) A61P 17/06 (2006.01) A61P 19/02 (2006.01) A61P 27/02 (2006.01) A61P 29/00 (2006.01) A61P 31/04 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01) A61P 37/06 (2006.01) A61P 43/00 (2006.01) C07D 401/14 (2006.01) C07D 403/04 (2006.01) C07D 405/14 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **URACIL DERIVATIVE AND USE THEREOF FOR MEDICAL PURPOSES**
[54] **DERIVE D'URACILE ET UTILISATION DE CELUI-CI POUR DES APPLICATIONS MEDICALES**
[72] SHIRO, TOMOYA, JP
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[72] KUBOTA, KATSUMI, JP
[72] TAKANASHI, YOSUKE, JP
[72] NAKAMURA, TOMOAKI, JP
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[54] **METHODS AND COMPOSITIONS FOR IMPROVING SPERM FUNCTIONALITY**
[54] **PROCEDES ET COMPOSITIONS DESTINES A AMELIORER LA FONCTIONNALITE DU SPERME**
[72] DICKER, BRIDGET LEE, NZ
[72] HONG, JIWON, NZ
[72] HUDSON, KEITH, NZ
[72] JAYASINGHE, SHAKEELA NATHALIA, NZ
[71] ANDROGENIX LTD, NZ
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[54] **SIEGE DE VEHICULE**
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[54] **TEMPERATURE CONTROL SYSTEM**
[54] **SYSTEME DE REGULATION DE TEMPERATURE**
[72] KATO, YUZURU, JP
[72] YAMADA, EIICHI, JP
[72] MORITA, KENTAROU, JP
[71] JAPAN OIL, GAS AND METALS NATIONAL CORPORATION, JP
[71] INPEX CORPORATION, JP
[71] JX NIPPON OIL & ENERGY CORPORATION, JP
[71] JAPAN PETROLEUM EXPLORATION CO., LTD., JP
[71] COSMO OIL CO., LTD., JP
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[54] **METHOD FOR MANUFACTURING SHAPED PRODUCT BY LOW-PRESSURE MOLDING**
[54] **PROCEDE DE FABRICATION D'ARTICLES MOULES PAR MOULAGE BASSE PRESSION**
[72] NAGAKURA, YASUNORI, JP
[72] ARAKAWA, MOTOOMI, JP
[72] TANIGUCHI, MICHIHARU, JP
[72] OBATA, AKIHIKO, JP
[71] TEIJIN LIMITED, JP
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[54] **DISPENSING CONTAINER WITH ENHANCED APPEARANCE**
[54] **RECIPIENT DE DISTRIBUTION A ASPECT AMELIORE**
[72] CRAWFORD, JOHN C., US
[72] DILLON, RENSL, US
[72] GREER, LESTER, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[54] **PROCEDURE D'ACTIVATION DE CATALYSEUR DE FISCHER-TROPSCH**
[72] INGA, JUAN R., US
[71] GI GASIFICATION INTERNATIONAL, S.A., PT
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[54] **CANIVEAU POUR VOIE FERREE DE TRAMWAY**
[72] DUBOIS, JEROME, FR
[72] OLLIVIER, DIDIER, FR
[72] MIQUEL, JOSEPH, FR
[72] LEGUY, CYRIL, FR
[71] ACO, FR
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[54] **UTILISATION DE (LR,5S)-(+)-L-(NAPHTHALEN-2-YL)-3-AZABICYCLO[3.1.0]HEXANE DANS LE CADRE DU TRAITEMENT D'AFFECTIONS ASSOCIEES AUX NEUROTRANSMETTEURS MONO-AMINE**
[72] MCKINNEY, ANTHONY ALEXANDER, US
[72] BYMASTER, FRANK, US
[71] NEUROVANCE, INC., US
[85] 2014-01-31
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[25] EN
[54] **ZIRCONIUM PRETREATMENT COMPOSITIONS CONTAINING A RARE EARTH METAL, ASSOCIATED METHODS FOR TREATING METAL SUBSTRATES, AND RELATED COATED METAL SUBSTRATES**
[54] **COMPOSITIONS DE PRETRAITEMENT DU ZIRCONIUM CONTENANT UN METAL DES TERRES RARES, PROCEDES ASSOCIES DE TRAITEMENT DES SUBSTRATS METALLIQUES ET SUBSTRATS METALLIQUES REVETUS ASSOCIES**
[72] SILVERNAIL, NATHAN J., US
[72] MCMILLEN, MARK W., US
[72] CHENG, SHAN, US
[71] PPG INDUSTRIES OHIO, INC., US
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[54] **MEULE DE FACONNAGE POUR VERRE PLAT**
[72] BURELOUX, DOMINIQUE, FR
[72] DUMENIL, THIERRY, FR
[72] WERY, SEBASTIEN, FR
[72] GIROD, ADELINE, FR
[72] TUNSTALL, JOHN, US
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **DISPOSITIF A BASE DE NANOTUBE POUR GUIDAGE DE RAYONS X, DE PHOTONS ET DE NEUTRONS**
[72] VERMAN, BORIS, US
[71] RIGAKU INNOVATIVE TECHNOLOGIES, INC., US
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[54] **MACROCYCLIC INSULIN-DEGRADING ENZYME (IDE) INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS MACROCYCLIQUES DE L'ENZYME DE DEGRADATION DE L'INSULINE (IDE) ET LEURS UTILISATIONS**
[72] LIU, DAVID R., US
[72] SAGHATELIAN, ALAN, US
[72] MAIANTI, JUAN PABLO, US
[72] KLEINER, RALPH E., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **HERPES VIRUS VACCINE AND METHODS OF USE**
[54] **VACCIN CONTRE LE VIRUS DE L'HERPES ET PROCEDES D'UTILISATION**
[72] SPECTOR, DEBORAH H., US
[72] MORELLO, CHRISTOPHER S., US
[72] KRAYNYAK, KIMBERLY A., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[71] SNAPRAYS, LLC, US
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[54] **PROMEDICAMENTS LIES A DES EXCIPIENTS HYDROSOLUBLES DE FORTE CHARGE**
[72] HERSEL, ULRICH, DE
[72] MAITRO, GUILLAUME, DE
[72] RAU, HARALD, DE
[72] VETTER, DIRK, DE
[71] ASCENDIS PHARMA A/S, DK
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[54] **METHOD FOR MANAGING ACCESS TO A SHARED COMMUNICATION MEDIUM**
[54] **PROCEDE DE GESTION DE L'ACCES A UN MEDIUM DE COMMUNICATION PARTAGE**
[72] CHIODINI, ALAIN, FR
[71] SAGEM DEFENSE SECURITE, FR
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[54] **COMPOSITION A LIBERATION PROLONGEE DE PROSTACYCLINE**
[72] SPROGOE, KENNETT, US
[72] RAU, HARALD, DE
[72] HERSEL, ULRICH, DE
[72] WEGGE, THOMAS, DE
[72] KEIL, OLIVER, DE
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[54] **SYSTEME ET PROCEDE DE PARTAGE DE CONTENU SUR DES APPLICATIONS MOBILES TIERCES**
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[72] LIN, JENNIFER W., US
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[54] **PROMEDICAMENTS A BASE DE TREPROSTINIL LIE A UN EXCIPIENT**
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[72] RAU, HARALD, DE
[72] LESSMANN, TORBEN, DE
[72] BISEK, NICOLA, DE
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[54] **UTILISATION DE SOLVANTS RESPECTUEUX DE L'ENVIRONNEMENT POUR REMPLACER LES SOLVANTS A BASE DE GLYCOL**
[72] PABALAN, RUELA TALINGTING, US
[72] LABARRE, DOMINIQUE, FR
[72] WOODWARD, GARY, GB
[72] LANGLOIS, BRUNO, FR
[72] ADEDEJI, ADENDAMOLA, US
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[54] **DERIVES A BASE DE VITAMINE B6 DE NUCLEOTIDES, D'ACYCLONUCLEOTIDES ET DE PHOSPHONATES D'ACYCLONUCLEOSIDES**
[72] KARPEISKY, ALEXANDER, US
[72] ZINNEN, SHAWN, US
[72] URLAM, MURALI, US
[72] VVEDENSKY, VLADIMIR Y., US
[72] GUZAEV, ANDREI P., US
[71] MBC PHARMA, INC., US
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[54] **CLOUD-BASED DISTRIBUTED PERSISTENCE AND CACHE DATA MODEL**
[54] **MODELE DE PERSISTANCE ET DE DONNEES DE CACHE DISTRIBUE EN NUAGE**
[72] JADHAV, AJAY, US
[71] JADHAV, AJAY, US
[85] 2014-01-31
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[54] **IDENTIFICATION OF GENE EXPRESSION PROFILE AS A PREDICTIVE BIOMARKER FOR LKB1 STATUS**
[54] **IDENTIFICATION D'UN PROFIL D'EXPRESSION GENIQUE A TITRE DE BIOMARQUEUR PREDICTIF DE L'ETAT LKB1**
[72] NING, YUHONG, US
[72] XU, WEIMING, US
[72] CHOPRA, RAJESH, US
[72] WORLAND, PETER, US
[72] XU, SHUICHAN, US
[71] SIGNAL PHARMACEUTICALS, LLC, US
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[54] **METHOD AND APPARATUS FOR CARTRIDGE-BASED CARBONATION OF BEVERAGES**
[54] **PROCEDE ET APPAREIL DE CARBONATATION DE BOISSONS AU MOYEN D'UNE CARTOUCHE**
[72] NOVAK, THOMAS J., US
[72] PACKARD, ROSS, US
[72] PETERSON, PETER, US
[72] GULLA, SHAWN, US
[72] HUOT CARLSON, JENNIFER CAITLIN, US
[72] SCHMITT, CAMILLA, US
[72] HEWITT, JIM, US
[72] ANGOTTI, MARC, US
[72] CARROLL, RAY, US
[72] ESTABROOK, RICHARD, US
[72] HARTLEY, KEVIN, US
[72] CONSOLI, FRANK, US
[72] COHEN, MARK, GB
[72] JONES, ROSS, GB
[72] MARTINEZ, NICOLAS ALEJANDRO, US
[72] HEMBER, MILES WILLIAM NOEL, GB
[72] SCHMITT, FABIEN YANNICK, GB
[72] MOTTRAM, NIAL ALLAN, GB
[72] O'PREY, CORMAC, GB
[72] ROLLINGS, NICHOLAS DAVID, GB
[72] KILBY, CHARLES FRAZER, GB
[72] RICHARDSON, CHRISTOPHER PAUL, GB
[72] JACKSON, THOMAS BATES, GB
[72] GRUBB, SCOTT, GB
[72] CHAN, WAI, GB
[72] CAMPBELL, NEIL LESTER, GB
[72] STACEY, GARY, GB
[72] COVEY, CHRIS, GB
[72] DOBSON, BARRY, GB
[72] WILKINS, PAUL, GB
[72] ROACH, CHRIS, GB
[72] CAUWOOD, PETER, GB
[72] THOMPSON, KEITH, GB
[71] GREEN MOUNTAIN COFFEE ROASTERS, INC., US
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[54] **COMPOSITIONS ISSUES DE SOL-GEL**
[72] EDMISTON, PAUL L., US
[72] SPOONAMORE, STEPHEN R., US
[71] ABS MATERIALS, INC., US
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[54] **COMPOUNDS CAPABLE OF UNDERGOING SYMMETRY BREAKING INTRAMOLECULAR CHARGE TRANSFER IN A POLARIZING MEDIUM AND ORGANIC PHOTOVOLTAIC DEVICES COMPRISING THE SAME**
[54] **COMPOSES APTES A SUBIR UN TRANSFERT DE CHARGE INTRAMOLECULAIRE A RUPTURE DE SYMETRIE DANS UN MILIEU POLARISANT ET DISPOSITIFS PHOTOVOLTAIQUES ORGANIQUES COMPRENANT CEUX-CI**
[72] THOMPSON, MARK E., US
[72] WHITED, MATTHEW T., US
[72] PATEL, NIRAL M., US
[72] DJUROVICH, PETER I., US
[72] FORREST, STEPHEN R., US
[72] ALLEN, KATHRYN R., US
[72] TRINH, CONG, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
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[54] **SYSTEME ET PROCEDE DE MESURES TRIDIMENSIONNELLES DE DEPLACEMENT ET DE CONTRAINTE PLEIN CHAMP A DISTANCE**
[72] MICHOPOULOS, JOHN G., US
[72] ILIOPOULOS, ATHANASIOS, US
[72] ANDRIANOPOULOS, NIKOS P., GR
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[54] **GUIDE-CABLE DE MISE A LA TERRE POUR UNE MACHINE DYNAMO-ELECTRIQUE**
[72] CUTSFORTH, ROBERT S., US
[71] CUTSFORTH, INC., US
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[54] **MOUNTING FIXTURE INCLUDING AN ARTICULATION JOINT**
[54] **ELEMENT DE MONTAGE COMPRENANT UN JOINT D'ARTICULATION**
[72] CUTSFORTH, ROBERT S., US
[71] CUTSFORTH, INC., US
[85] 2014-01-31
[86] 2012-08-03 (PCT/US2012/049458)
[87] (WO2013/022734)
[30] US (13/204,176) 2011-08-05

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[51] **Int.Cl. G07F 9/00 (2006.01) G06Q 30/02 (2012.01) G06K 9/18 (2006.01) G07F 9/02 (2006.01)**
[25] EN
[54] **QUICK RESPONSE (QR) CODE GENERATION IN VENDING MACHINES OR KIOSKS FOR CUSTOMER ENGAGEMENT**
[54] **GENERATION DE CODE QUICK RESPONSE (QR) DANS DES DISTRIBUTEURS AUTOMATIQUES OU DES KIOSQUES EN VUE DE RENFORCER L'ENGAGEMENT DES CLIENTS**
[72] CANTER, JAMES M., US
[71] CRANE MERCHANDISING SYSTEMS, INC., US
[85] 2014-01-31
[86] 2012-08-02 (PCT/US2012/049373)
[87] (WO2013/019973)
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[25] EN
[54] **COLLAGEN 7 AND RELATED METHODS**
[54] **COLLAGENE 7 ET PROCEDES ASSOCIES**
[72] DE SOUZA, MARK, US
[72] VISWANATHAN, MALINI, US
[71] LOTUS TISSUE REPAIR INC., US
[85] 2014-01-31
[86] 2012-08-03 (PCT/US2012/049553)
[87] (WO2013/020064)
[30] US (61/514,796) 2011-08-03

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[25] EN
[54] **DETERGENT COMPOSITIONS CONTAINING PYRIDINOL-N-OXIDE COMPOUNDS**
[54] **COMPOSITIONS DETERGENTES CONTENANT DES COMPOSES PYRIDINOL-N-OXYDES**
[72] MIRACLE, GREGORY SCOT, US
[72] MURCH, BRUCE PRENTISS, US
[72] STENGER, PATRICK CHRISTOPHER, US
[72] PETTIGREW, CHARLES ALLEN, JR., US
[72] CASERTA, JUSTIN ANGELO, US
[72] KELLY, CASEY PATRICK, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-01-31
[86] 2012-08-15 (PCT/US2012/050839)
[87] (WO2013/025742)
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[25] EN
[54] **SYSTEMS AND METHODS FOR SYNCHRONIZING DISTRIBUTED GENERATION SYSTEMS**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE SYNCHRONISER DES SYSTEMES DE PRODUCTION DISTRIBUES**
[72] SEELEY, NICHOLAS C., US
[71] SCHWEITZER ENGINEERING LABORATORIES, INC., US
[85] 2014-01-31
[86] 2012-09-13 (PCT/US2012/055107)
[87] (WO2013/040176)
[30] US (13/233,473) 2011-09-15

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[25] EN
[54] **PERSONAL CARE COMPOSITIONS HAVING DRIED ZINC PYRITHIONE**
[54] **COMPOSITIONS POUR SOINS D'HYGIENE PERSONNELLE COMPORTANT DU PYRITHIONE DE ZINC DESHYDRATE**
[72] SMITH, EDWARD DEWEY, III, US
[72] COOK, JASON EDWARD, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-01-31
[86] 2012-08-15 (PCT/US2012/050840)
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[25] EN
[54] **PROMINENCE-BASED GENERATION AND RENDERING OF MAP FEATURES**
[54] **GENERATION ET RENDU A BASE DE PROEMINENCE DE PARTICULARITES DE CARTE**
[72] STOUT, BRYCE, US
[72] BREWINGTON, BRIAN, US
[72] JONES, JONAH, AU
[72] SAVVOPOULOS, CHRISTOS, CH
[71] GOOGLE INC., US
[85] 2014-01-31
[86] 2012-08-03 (PCT/US2012/049574)
[87] (WO2013/020075)
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[13] A1
[51] **Int.Cl. F16K 37/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO DETERMINE A POSITION OF A VALVE**
[54] **PROCEDES ET APPAREIL DESTINES A DETERMINER LA POSITION D'UNE VANNE**
[72] HARPER, RONALD D., JR., US
[71] GENERAL EQUIPMENT AND MANUFACTURING COMPANY, INC., D/B/A TOPWORX, INC., US
[85] 2014-01-31
[86] 2012-08-17 (PCT/US2012/051444)
[87] (WO2013/028552)
[30] US (61/525,265) 2011-08-19

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[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/46 (2006.01)**
[25] EN
[54] **CANNULA WITH CONTROLLED DEPTH OF INSERTION**
[54] **CANULE PRESENTANT UNE PROFONDEUR D'INTRODUCTION REGULEE**
[72] DECKER, ROBERT, US
[72] SHETTY, GAUTAM N., US
[72] SELL, DEVIN, US
[71] UNITRACT SYRINGE PTY LTD, AU
[85] 2014-01-31
[86] 2012-08-03 (PCT/US2012/049575)
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[25] EN
[54] **CELL FREE TRANSLATION SYSTEM FOR COMPOUND SCREENING AND RELATED USES**
[54] **SYSTEME DE TRANSLATION ACELLULAIRE POUR CRIBLAGE DE COMPOSE ET UTILISATIONS AFFERENTES**
[72] LINGAPPA, VISHWANATH R., US
[71] PROSETTA ANTIVIRAL, INC., US
[85] 2014-01-31
[86] 2012-08-03 (PCT/US2012/049625)
[87] (WO2013/020101)
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[51] **Int.Cl. H02J 13/00 (2006.01) H02G 11/02 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM FOR ELECTRICAL CORD REEL**
[54] **SYSTEME DE COMMANDE POUR BOBINE DE CORDON ELECTRIQUE**
[72] TRACEY, JAMES B. A., US
[72] ROSENAU, MARK, US
[72] HILL, JOSEPH M., III, US
[72] TRACEY, JOHNATHAN R., US
[71] GREAT STUFF, INC., US
[85] 2014-01-31
[86] 2012-08-03 (PCT/US2012/049628)
[87] (WO2013/022791)
[30] US (61/515,727) 2011-08-05
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[25] EN
[54] **OLIGOSACCHARIDES AND OLIGOSACCHARIDE-PROTEIN CONJUGATES DERIVED FROM CLOSTRIDIUM DIFFICILE POLYSACCARIDE PS-I, METHODS OF SYNTHESIS AND USES THEREOF, IN PARTICULAR AS VACCINES ANDDIAGNOSTIC TOOLS**
[54] **OLIGOSACCHARIDES ET CONJUGUES D'OLIGOSACCHARIDES-PROTEINES PROVENANT DE POLYSACCARIDES PS-I DE CLOSTRIDIUM DIFFICILE, LEURS PROCEDES DE SYNTHESE ET D'UTILISATION, EN PARTICULIER EN TANT QUE VACCINS ET OUTILS DE DIAGNOSTIC**
[72] SEEBERGER, PETER H., DE
[72] MARTIN, CHRISTOPHER E., DE
[72] BROECKER, FELIX, DE
[72] ANISH, CHAKKUMKAL, DE
[71] MAX-PLANCK-GESELLSCHAFT ZUR FOERDERUNG DER WISSENSCHAFTEN E.V., DE
[85] 2014-02-03
[86] 2012-07-30 (PCT/EP2012/003240)
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[30] EP (11006355.9) 2011-08-02
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[51] **Int.Cl. F04B 39/10 (2006.01)**
[25] EN
[54] **HUMAN POWERED IRRIGATION DIAPHRAGM PUMP**
[54] **POMPE A MEMBRANE D'IRRIGATION A MOTORISATION HUMAINE**
[72] RULLI, SAMUEL R., US
[72] KING, ROBERT W., US
[71] FLOW CONTROL LLC., US
[85] 2014-01-31
[86] 2012-08-06 (PCT/US2012/049740)
[87] (WO2013/022831)
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[51] **Int.Cl. D21F 1/00 (2006.01) B31F 5/00 (2006.01) D03D 13/00 (2006.01)**
[25] EN
[54] **AN ENDLESS FABRIC BELT**
[54] **COURROIE TISSEE SANS FIN**
[72] MUHLEN, PETRA, DE
[71] MUHLEN SOHN GMBH & CO. KG, DE
[85] 2014-02-03
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[87] (WO2013/020667)
[30] DE (10 2011 110 019.2) 2011-08-11

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[13] A1
[51] **Int.Cl. H04W 64/00 (2009.01) H04W 88/02 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING ENHANCED LOCATION BASED INFORMATION FOR WIRELESS HANDSETS**
[54] **PROCEDE ET SYSTEME DE FOURNITURE DE LOCALISATION AMELIOREE BASEE SUR DES INFORMATIONS POUR DES COMBINES SANS FIL**
[72] SMITH, CLINT, US
[71] RIVADA RESEARCH, LLC, US
[85] 2014-01-31
[86] 2012-08-15 (PCT/US2012/050981)
[87] (WO2013/025824)
[30] US (61/575,300) 2011-08-18
[30] US (61/573,636) 2011-09-09
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[13] A1
[51] **Int.Cl. B26D 7/18 (2006.01) B21D 45/00 (2006.01) B26F 1/12 (2006.01) B26F 1/34 (2006.01)**
[25] EN
[54] **JAW PAIR FOR PUNCHING OUT HOLES**
[54] **PAIRE DE MACHOIRES POUR L'ESTAMPAGE DE TROUS**
[72] FRENKEN, EGBERT, DE
[71] GUSTAV KLAUKE GMBH, DE
[85] 2014-02-03
[86] 2012-07-27 (PCT/EP2012/064753)
[87] (WO2013/017535)
[30] DE (10 2011 052 350.2) 2011-08-02

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[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **METHOD FOR HIGH-THROUGHPUT SCREENING OF TRANSGENIC PLANTS**
[54] **PROCEDE DE CRIBLAGE A HAUT DEBIT DE PLANTES TRANSGENIQUES**
[72] OLIVEIRA, IGOR CUNHA, US
[72] O'NEILL, DENNIS, US
[72] ZOU, JIJUN, US
[72] SLATTERY, ANDREW, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2014-01-31
[86] 2012-07-23 (PCT/US2012/047858)
[87] (WO2013/019456)
[30] US (61/514,052) 2011-08-02

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[51] **Int.Cl. G05D 7/03 (2006.01) F16K 24/02 (2006.01) G05D 16/16 (2006.01)**
[25] EN
[54] **FLUID REGULATOR WITH BLEED VALVE**
[54] **REGULATEUR DE FLUIDE MUNI D'UNE SOUPAPE DE PURGE**
[72] VASQUEZ, ERNESTO, US
[72] DAAKE, SHERYL L., US
[71] EMERSON PROCESS MANAGEMENT REGULATOR TECHNOLOGIES, INC., US
[85] 2014-01-31
[86] 2012-08-16 (PCT/US2012/051190)
[87] (WO2013/028472)
[30] US (61/525,456) 2011-08-19
[30] US (13/558,960) 2012-07-26

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[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01)**
[25] EN
[54] **CHARACTER ENABLEMENT IN SHORT MESSAGE SERVICE**
[54] **ACTIVATION DE CARACTERES DANS UN SERVICE DE MESSAGE COURT**
[72] RUSSELL, NICHOLAS JAMES, GB
[71] BLACKBERRY LIMITED, CA
[85] 2014-02-03
[86] 2012-08-02 (PCT/EP2012/065155)
[87] (WO2013/020892)
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[13] A1
[51] **Int.Cl. G01N 27/30 (2006.01) H01L 21/48 (2006.01)**
[25] EN
[54] **WORKING ELECTRODE PRINTED ON A SUBSTRATE**
[54] **ELECTRODE DE TRAVAIL IMPRIMEE SUR UN SUBSTRAT**
[72] GALLARDO, MANUEL ANTONIO RAYMOND, FR
[71] EASY LIFE SCIENCE, FR
[85] 2014-02-03
[86] 2012-08-03 (PCT/EP2012/065293)
[87] (WO2013/017697)
[30] FR (1102444) 2011-08-04

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[51] **Int.Cl. C23C 4/08 (2006.01) B23P 6/00 (2006.01) C23C 10/48 (2006.01) C23C 10/50 (2006.01) C23C 18/10 (2006.01) C23C 20/04 (2006.01) C23C 24/08 (2006.01) F01D 5/00 (2006.01) F01D 5/28 (2006.01)**
[25] EN
[54] **METHOD FOR FORMING AN IMPROVED THERMAL BARRIER COATING (TBC), THERMAL-BARRIER-COATED ARTICLE AND METHOD FOR THE REPAIR THEREOF**
[54] **PROCEDE DE FORMATION D'UN REVETEMENT BARRIERE THERMIQUE (TBC) AMELIORE, ARTICLE REVETU PAR UNE BARRIERE THERMIQUE ET SON PROCEDE DE REPARATION**
[72] DELLA FEMINA, MAURIZIO, IT
[72] ROSSI, MARCO, IT
[72] CASILLO, RAFFAELE, IT
[72] SILVESTRO, CARLO, IT
[71] GE AVIO S.R.L., IT
[85] 2014-02-03
[86] 2012-08-03 (PCT/EP2012/065305)
[87] (WO2013/020935)
[30] IT (TO 2011 A 000734) 2011-08-05

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[13] A1
[51] **Int.Cl. F16K 11/20 (2006.01) F16K 1/44 (2006.01) F16K 1/52 (2006.01)**
[25] EN
[54] **FLUID VALVES HAVING MULTIPLE FLUID FLOW CONTROL MEMBERS**
[54] **ROBINETS A MULTIPLES ELEMENTS DE REGULATION D'ECOULEMENT DE FLUIDE**
[72] ANAGNOS, RICHARD JAMES, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2014-01-31
[86] 2012-08-07 (PCT/US2012/049807)
[87] (WO2013/022864)
[30] US (61/522,336) 2011-08-11

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[51] **Int.Cl. C07K 16/44 (2006.01) A61K 39/395 (2006.01) A61P 9/10 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **NEW ANTIBODIES AGAINST PHOSPHORYLCHOLINE**
[54] **NOUVEAUX ANTICORPS CONTRE LA PHOSPHORYLCHOLINE**
[72] PETTERSSON, KNUT, SE
[72] CAMBER, OLA, SE
[72] SEXTON, DAN, US
[72] NIXON, ANDREW E., US
[71] ATHERA BIOTECHNOLOGIES AB, SE
[71] DYAX CORPORATION, US
[85] 2014-02-03
[86] 2012-08-08 (PCT/EP2012/065505)
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[30] US (61/521,593) 2011-08-09

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[51] **Int.Cl. G06F 17/16 (2006.01)**
[25] EN
[54] **OPTIMIZED MATRIX AND VECTOR OPERATIONS IN INSTRUCTION LIMITED ALGORITHMS THAT PERFORM EOS CALCULATIONS**
[54] **OPERATIONS MATRICIELLES ET VECTORIELLES OPTIMISEES DANS DES ALGORITHMES A INSTRUCTIONS LIMITEES QUI EFFECTUENT DES CALCULS EOS**
[72] HAUGEN, KJETIL, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2014-01-31
[86] 2012-07-23 (PCT/US2012/047860)
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[30] US (61/535,131) 2011-09-15

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[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01)**
[25] EN
[54] **TERMINATOR SEQUENCE FOR GENE EXPRESSION IN PLANTS**
[54] **SEQUENCE TERMINATRICE UTILISABLE EN VUE DE LA REGULATION DE L'EXPRESSION GENIQUE DANS DES PLANTES**
[72] ABBITT, SHANE E., US
[72] JUNG, RUDOLF, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2014-01-31
[86] 2012-07-23 (PCT/US2012/047901)
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[30] US (61/514,055) 2011-08-02

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[51] **Int.Cl. G06F 19/00 (2011.01) G01C 11/00 (2006.01) G06T 7/60 (2006.01) H04N 5/225 (2006.01)**
[25] EN
[54] **SYSTEM FOR AUTOMATIC STRUCTURE FOOTPRINT DETECTION FROM OBLIQUE IMAGERY**
[54] **SYSTEME POUR LA DETECTION AUTOMATIQUE D'EMPREINTES DE STRUCTURE A PARTIR D'IMAGERIE OBLIQUE**
[72] SCHULTZ, STEPHEN L., US
[72] YANDONG, WANG, US
[71] PICTOMETRY INTERNATIONAL CORP., US
[85] 2014-01-31
[86] 2012-11-29 (PCT/US2012/067053)
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[30] US (61/564,699) 2011-11-29

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[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/49 (2006.01) G01N 33/66 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR BODY FLUID SAMPLING AND ANALYSIS**
[54] **DISPOSITIFS ET PROCEDES POUR LE PRELEVEMENT ET L'ANALYSE DE LIQUIDES ORGANIQUES**
[72] REYNOLDS, PAUL D., US
[72] ESCUTIA, RAUL, US
[72] LARKIN, JOHN F., US
[72] HU, CHEUNG, PENG, US
[72] TOMASCO, MICHAEL F., US
[72] BLOOM, DANIEL, US
[72] VIVOLO, JOE, US
[72] WIARD, RICHARD, US
[71] INTUITY MEDICAL, INC., US
[85] 2014-01-30
[86] 2012-08-03 (PCT/US2012/049629)
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[30] US (61/514,872) 2011-08-03

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[13] A1
[51] **Int.Cl. H04W 52/02 (2009.01) H04W 88/06 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEMS FOR POWER SAVINGS BY CONTROLLING A FIRST RADIO BASED ON A SECOND RADIO**
[54] **PROCEDE ET SYSTEMES D'ECONOMIE D'ENERGIE PAR COMMANDE D'UNE PREMIERE RADIO SUR LA BASE D'UNE SECONDE RADIO**
[72] DOYLE, THOMAS F., US
[71] QUALCOMM INCORPORATED, US
[85] 2014-01-30
[86] 2012-08-03 (PCT/US2012/049651)
[87] (WO2013/020113)
[30] US (61/514,760) 2011-08-03
[30] US (13/411,517) 2012-03-02

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[13] A1
[51] **Int.Cl. B32B 37/00 (2006.01)**
[25] EN
[54] **NON-JAMMING LAMINATOR ASSEMBLY**
[54] **ENSEMBLE MACHINE A STRATIFIER ANTIBLOCAGE**
[72] MUELLER, GERALD E., US
[72] POLINGO, JACOB R., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2014-01-31
[86] 2012-07-25 (PCT/US2012/048117)
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[30] US (61/514,738) 2011-08-03

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[51] **Int.Cl. B03C 1/02 (2006.01) B03C 1/005 (2006.01) C22B 1/00 (2006.01)**
[25] EN
[54] **ORE BENEFICIATION**
[54] **ENRICHISSEMENT DE MINERAI**
[72] HILSHORST, HOWARD W., US
[72] LINDAHL, GREGORY D., US
[72] HECIMOVICH, JAMES A., US
[71] SUPERIOR MINERAL RESOURCES LLC, US
[85] 2014-01-31
[86] 2012-07-27 (PCT/US2012/048550)
[87] (WO2013/019618)
[30] US (13/195,430) 2011-08-01
[30] US (13/560,143) 2012-07-27

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **FIBROSIS SUSCEPTIBILITY IL22RA2 GENE AND USES THEREOF**
[54] **GENE IL22RA2 DE SENSIBILITE A LA FIBROSE ET SES UTILISATIONS**
[72] DESSEIN, ALAIN, FR
[72] SERTORIO, MATHIEU, FR
[72] ARGIRO, LAURENT, FR
[71] UNIVERSITE D'AIX-MARSEILLE, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[85] 2014-02-03
[86] 2012-08-03 (PCT/EP2012/065222)
[87] (WO2013/020904)
[30] EP (11306018.0) 2011-08-05
[30] US (61/515,438) 2011-08-05

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[13] A1
[51] **Int.Cl. G01N 33/66 (2006.01) A61B 5/145 (2006.01)**
[25] EN
[54] **PHOTOLUMINESCENT NANOSTRUCTURE-BASED SENSORS**
[54] **CAPTEURS A BASE DE NANOSTRUCTURES PHOTOLUMINESCENTES**
[72] STRANO, MICHAEL S., US
[72] BARONE, PAUL W., US
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[72] YUM, KYUNGSUK, US
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[54] **UTILISATION D'ESTETROL COMME CONTRACEPTIF D'URGENCE**
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[72] COELINGH BENNINK, HERMAN JAN TIJMEN, NL
[72] PETIT, LUDIVINE, BE
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[54] **PROCESS FOR PREPARING SORPTIVE SUBSTRATES, AND INTEGRATED PROCESSING SYSTEM FOR SUBSTRATES**
[54] **PROCESSUS DE PREPARATION DE SUBSTRATS SORBANTS ET SYSTEME DE TRAITEMENT INTEGRE POUR SUBSTRATS**
[72] BLAISS, H. DENNIS, US
[72] SENE, LAURENT H., US
[72] HALL, GREGORY T., US
[72] WHITTINGTON, RANDY H., US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **REDUCTEUR DE TENSION ADAPTATIF A CARACTERISTIQUE DE FREQUENCE CORRIGEE POUR LA MESURE DE HAUTES TENSIONS**
[72] NABIELEC, JERZY, PL
[71] AKADEMIA GORNICZO-HUTNICZA IM. STANISLAWA STASZICA W KRAKOWIE, PL
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[72] KNEISL, PHILIP, US
[72] LOPEZ DE CARDENAS, JORGE E., US
[72] ANDRZEJAK, TIMOTHY A., US
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[54] **BANQUES DE PROTEINES ET DE PEPTIDES**
[72] TRECO, DOUGLAS A., US
[72] RICARDO, ALONSO, US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[54] **COMPOSITIONS DE TRANSFERT DE CHALEUR**
[72] LOW, ROBERT ELLIOTT, GB
[71] MEXICHEM AMANCO HOLDING S.A. DE C.V., MX
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[54] **PROCEDE ET SYSTEME POUR TRAITER DES MATIERES SOLiDES DE CEREALES NON FERMENTEES ET UTILISATION DES PRODUITS DE CEUX-CI**
[72] SCHENK, RAYMOND LYLE, III, US
[71] LAUREL BIOCOMPOSITE, LLC, US
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[54] **UTILISATION DE BACTERIES LACTIQUES DANS LE CADRE DE LA LUTTE CONTRE LES AGENTS PATHOGENES ET A TITRE DE BIO-DESINFECTANT**
[72] WARE, DOUGLAS R., US
[72] CRANDALL, PHILIP G., US
[72] RICKE, STEVEN C., US
[71] GUARDIAN FOOD TECHNOLOGIES, LLC, US
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[54] **ANTIBODIES BINDING TO PHOSPHORYLCHOLINE (PC) AND/OR PC CONJUGATES**
[54] **ANTICORPS APTES A SE LIER A LA PHOSPHORYLCHOLINE (PC) ET/OU A UN CONJUGUE DE PC**
[72] PETTERSSON, KNUT, SE
[72] CAMBER, OLA, SE
[72] SEXTON, DAN, US
[72] NIXON, ANDREW E., US
[71] ATHERA BIOTECHNOLOGIES AB, SE
[71] DYAX CORP., US
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[54] **INHIBITION DU CANAL IONIQUE A POTENTIEL DE RECEPTEUR TRANSITOIRE TRPA1**
[72] METCALF, CHESTER A., III, US
[72] GU, YUGUI, US
[72] KIMBALL, SPENCER DAVID, US
[72] LI, QINGYI, US
[72] RYAN, M. DOMINIC, US
[72] WU, XINYUAN, US
[72] ZOU, DONG, US
[72] LIPPA, BLAISE S., US
[71] HYDRA BIOSCIENCES, INC., US
[71] CUBIST PHARMACEUTICALS, INC., US
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[54] **SYSTEME DE COMMANDE DE VENTILATEUR A OSCILLATION A HAUTE FREQUENCE**
[72] LIU, YONG, US
[72] LEE, SHOUYAN, US
[71] CAREFUSION 207, INC., US
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[54] **PANNEAUX DE FORME EXTREMEMENT PRECISE ET LEURS PROCEDES**
[72] AHO, ERIC JOSEPH, US
[72] SCHULTE, MICHAEL DOMINIC, US
[72] SANCHEZ, JAMES TIMOTHY, US
[72] PRATHER, RANDALL MAURICE, US
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[72] GARTEN, SCOTT ALAN, US
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[54] **ACTUATORS FOR USE WITH FLUID CONTROL DEVICES HAVING MULTIPLE FLUID FLOW CONTROL MEMBERS**
[54] **ACTIONNEURS DESTINES A ETRE UTILISES AVEC DES DISPOSITIFS DE REGULATION DE FLUIDE AYANT DE MULTIPLES ELEMENTS DE REGULATION D'ECOULEMENT DE FLUIDE**
[72] ANAGNOS, RICHARD JAMES, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **PROCEDE DE VALORISATION DE PRODUITS DERIVES DE LA BIOMASSE**
[72] SMITH, ED, US
[72] SANCHEZ, VICENTE, US
[72] TREWELLA, JEFFREY C., US
[72] MCGOVERN, STEPHEN J., US
[72] ROEMISCH, ROYCE, US
[72] SORRELLS, JENNIFER, US
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[72] RAMIREZ CORREDORES, MARIA MAGDALENA, US
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[72] BAUER, LARRY, US
[71] KIOR, INC., US
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[54] **MOBILE WATER TREATMENT AND RESIN TRANSFER HUB**
[54] **TRAITEMENT MOBILE DES EAUX ET POSTE DE TRANSVASEMENT DES RESINES**
[72] PARKE, ANDREW, GB
[71] GENERAL ELECTRIC COMPANY, US
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[71] M.I.S. ELECTRONICS INC., CA
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[54] **FLUID VALVES HAVING MULTIPLE FLUID FLOW CONTROL MEMBERS**
[54] **VANNE DE FLUIDE COMPORTANT DE MULTIPLES ELEMENTS DE COMMANDE DE DEBIT DE FLUIDE**
[72] ANAGNOS, RICHARD JAMES, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **SYSTEME DE VERROUILLAGE SUPRACONDUCTEUR**
[72] HERR, QUENTIN P., US
[72] HERR, ANNA Y., US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
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[25] EN
[54] **DISSOLUTION ENHANCED CONTROLLED DRUG DELIVERY SYSTEM FOR POORLY WATER SOLUBLE DRUGS**
[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENTS A LIBERATION CONTROLEE ET DISSOLUTION AMELIOREE POUR MEDICAMENTS PEU SOLUBLES DANS L'EAU**
[72] VATS, SANDEEP KUMAR, IN
[72] KALAISELVAN, RAMARAJU, IN
[72] SINGH, ROMI BARAT, IN
[71] RANBAXY LABORATORIES LIMITED, IN
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[54] **INDICATEUR DE FORCE DE PERCAGE POUR PERCEUSES A COMMANDE MANUELLE**
[72] SCHEVERS, ISAAC C., US
[71] THE BOEING COMPANY, US
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[25] EN
[54] **MICRO-RNAS AND COMPOSITIONS COMPRISING SAME FOR THE TREATMENT AND DIAGNOSIS OF SEROTONIN-, ADRENALIN-, NORADRENALIN-, GLUTAMATE-, AND CORTICOTROPIN-RELEASING HORMONE- ASSOCIATED MEDICAL CONDITIONS**
[54] **MICRO-ARN ET COMPOSITIONS LES COMPRENANT POUR LE TRAITEMENT ET LE DIAGNOSTIC DE TROUBLES MEDICAUX ASSOCIES A LA SEROTONINE, A L'ADRENALINE, A LA NORADRENALINE, AU GLUTAMATE ET A L'HORMONE DE LIBERATION DE LA CORTICOTROPINE**
[72] CHEN, ALON, IL
[72] HORNSTEIN, ERAN, IL
[72] ISSLER, ORNA, IL
[72] HARAMATI, SHARON, IL
[72] VOLK, NAAMA, IL
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL
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[54] **CO-CRYSTALS OF CYPRODINIL AND DITHIANON**
[54] **COCRISTAUX DE CYPRODINIL ET DE DITHIANON**
[72] SOWA, CHRISTIAN, DE
[72] GOLD, RANDALL EVAN, DE
[72] CHIODO, TIZIANA, DE
[72] VOGEL, RALF, DE
[71] BASF SE, DE
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[54] **DISPOSITIF DE SUSPENSION**
[72] REINGWIRTZ, DAVID, IL
[71] D.R. BIKE LTD., IL
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[54] **DISPOSITIF A DEUX CHAMBRES**
[72] HAUGHEY, JAMES QUINTON STEWART, GB
[71] NORBROOK LABORATORIES LIMITED, GB
[85] 2014-02-03
[86] 2012-08-06 (PCT/GB2012/051900)
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[54] **CONVERTISSEUR D'ENERGIE DES VAGUES FLOTTANT LIBREMENT, AMELIORE**
[72] GHOUSE, SYED MOHAMMED, IN
[71] GHOUSE, SYED MOHAMMED, IN
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[54] **METHODS AND DEVICES FOR DETECTING BOWEL PERFORATION**
[54] **PROCEDES ET DISPOSITIFS DE DETECTION DE PERFORATION D'INTESTIN**
[72] SCALICI, TONY, US
[72] LEONARD, DAVID, US
[72] KRASNE, DAVID, US
[72] HARIDAS, BALAKRISHNA, US
[72] GARFIELD, M. ROBERT, III, US
[71] SENTIRE MEDICAL SYSTEMS LLC, US
[71] SCALICI, TONY, US
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[54] **COMPOSITIONS PHARMACEUTIQUES**
[72] RUECROFT, GRAHAM, GB
[72] PARIKH, DIPESH, GB
[71] PROSONIX LIMITED, GB
[85] 2014-02-03
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[54] **MODULAR CUTTING TOOL HOLDER AND CLAMPING MECHANISM THEREFOR**
[54] **DISPOSITIF DE FIXATION D'OUTIL DE COUPE MODULAIRE ET SON MECANISME DE SERRAGE**
[72] HECHT, GIL, IL
[71] ISCAR LTD., IL
[85] 2014-02-03
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[54] **MECANISME ET POIGNEE A AXE MULTIPLE**
[72] BEN-DOR, ERAN, IL
[71] BEN-DOR, ERAN, IL
[85] 2014-02-03
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[54] **INSULATED WALL MODULE**
[54] **MODULE MURAL ISOLE**
[72] PRLIC, TOMISLAV, HR
[71] PRLIC, TOMISLAV, HR
[85] 2014-02-03
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR TREATMENT AND/OR PROPHYLAXIS OF CANCER**
[54] **COMPOSITION DE MEDICAMENT POUR TRAITEMENT ET/OU PREVENTION DU CANCER**
[72] KOBAYASHI, SHINICHI, JP
[72] OKANO, FUMIYOSHI, JP
[72] MINAMIDA, YOSHITAKA, JP
[72] SAITO, TAKANORI, JP
[71] TORAY INDUSTRIES, INC., JP
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[54] **METHOD FOR TREATING CANCER BY COMBINED USE OF DRUGS**
[54] **PROCEDE DE TRAITEMENT DU CANCER PAR UNE UTILISATION COMBINEE D'AGENTS MEDICINAUX**
[72] ARAI, YUKINORI, JP
[71] ASTELLAS PHARMA INC., JP
[85] 2014-02-03
[86] 2012-08-01 (PCT/JP2012/069586)
[87] (WO2013/018829)
[30] JP (2011-169073) 2011-08-02

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[51] **Int.Cl. G01N 33/574 (2006.01) C12Q 1/68 (2006.01) G01N 33/53 (2006.01) C07K 14/47 (2006.01) C07K 16/18 (2006.01) C12N 15/02 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **METHOD FOR DETECTING PANCREATIC CANCER**
[54] **PROCEDE DE DETECTION DU CANCER DU PANCREAS**
[72] IDO, TAKAYOSHI, JP
[72] OKANO, FUMIYOSHI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2014-02-03
[86] 2012-08-03 (PCT/JP2012/069824)
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[51] **Int.Cl. C12N 15/09 (2006.01) A61K 39/395 (2006.01) A61K 47/48 (2006.01) A61P 35/00 (2006.01) C07K 16/30 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR TREATMENT AND/OR PROPHYLAXIS OF CANCER**
[54] **COMPOSITION DE MEDICAMENT POUR TRAITEMENT ET/OU PREVENTION DU CANCER**
[72] KOBAYASHI, SHINICHI, JP
[72] OKANO, FUMIYOSHI, JP
[72] SAITO, TAKANORI, JP
[71] TORAY INDUSTRIES, INC., JP
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[86] 2012-08-03 (PCT/JP2012/069842)
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[30] JP (2011-171379) 2011-08-04

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[13] A1
[51] **Int.Cl. E04B 1/86 (2006.01)**
[25] EN
[54] **INTERLOCKING SOUNDPROOFING BLOCK SYSTEM AND METHOD**
[54] **SYSTEME DE BLOC D'ISOLATION PHONIQUE A EMBOITEMENT ET PROCEDE CORRESPONDANT**
[72] BERESOWSKI, FRANK, DE
[71] BERESOWSKI, FRANK, DE
[85] 2014-02-03
[86] 2012-09-12 (PCT/IB2012/001760)
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR TREATMENT AND/OR PREVENTION OF PANCREATIC CANCER**
[54] **COMPOSITION PHARMACEUTIQUE DESTINEE AU TRAITEMENT ET/OU A LA PREVENTION DU CANCER DU PANCREAS**
[72] MINAMIDA, YOSHITAKA, JP
[72] OKANO, FUMIYOSHI, JP
[72] SAITO, TAKANORI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2014-02-03
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR TREATMENT AND/OR PROPHYLAXIS OF CANCER**
[54] **COMPOSITION DE MEDICAMENT POUR TRAITEMENT ET/OU PREVENTION DU CANCER**
[72] KOBAYASHI, SHINICHI, JP
[72] OKANO, FUMIYOSHI, JP
[72] SAITO, TAKANORI, JP
[71] TORAY INDUSTRIES, INC., JP
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[30] JP (2011-171332) 2011-08-04

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[13] A1
[51] **Int.Cl. C11C 5/00 (2006.01) C11C 5/02 (2006.01)**
[25] EN
[54] **THE MANNER OF PRODUCTION OF CONTAINER CANDLE CARTRIDGES**
[54] **PROCEDE DE PRODUCTION DE CARTOUCHES POUR BOUGIES DESTINEES A ETRE PLACEES DANS UN CONTENANT**
[72] WROBEL, ANDRZEJ, PL
[72] WOLOWIEC, JAROSLAW, PL
[72] KOTALA, ROMAN, PL
[72] RZEPKA, PAWEL, PL
[71] KORONA SA, PL
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR TREATMENT AND/OR PROPHYLAXIS OF CANCER**
[54] **COMPOSITION PHARMACEUTIQUE DESTINEE A TRAITER OU A PREVENIR LE CANCER**
[72] OKANO, FUMIYOSHI, JP
[72] KOBAYASHI, SHINICHI, JP
[72] MINAMIDA, YOSHITAKA, JP
[72] SAITO, TAKANORI, JP
[71] TORAY INDUSTRIES, INC., JP
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR TREATMENT AND/OR PROPHYLAXIS OF CANCER**
[54] **COMPOSITION PHARMACEUTIQUE DESTINEE A TRAITER OU A PREVENIR LE CANCER**
[72] OKANO, FUMIYOSHI, JP
[72] KOBAYASHI, SHINICHI, JP
[72] MINAMIDA, YOSHITAKA, JP
[72] SAITO, TAKANORI, JP
[71] TORAY INDUSTRIES, INC., JP
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[87] (WO2013/018894)
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[51] **Int.Cl. F21V 35/00 (2006.01) F21V 37/02 (2006.01) F23D 3/16 (2006.01)**
[25] EN
[54] **CONTAINER FOR CANDLES, WITH INTERNAL CIRCULATION OF AIR**
[54] **RECIPIENT POUR BOUGIES, A CIRCULATION D'AIR INTERNE**
[72] WROBEL, ANDRZEJ, PL
[71] KORONA S.A., PL
[85] 2014-02-03
[86] 2012-07-06 (PCT/PL2012/000052)
[87] (WO2013/006070)
[30] PL (P.395541) 2011-07-06

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[13] A1
[51] **Int.Cl. C25C 3/00 (2006.01) C01G 1/06 (2006.01) C22B 7/00 (2006.01)**
[25] EN
[54] **A PROCESS FOR RECOVERING METALS AND AN ELECTROLYTIC APPARATUS FOR PERFORMING THE PROCESS**
[54] **PROCEDE DE RECUPERATION DE METAUX ET APPAREIL D'ELECTROLYSE POUR METTRE EN OEUVRE CE PROCEDE**
[72] TENG, LIDONG, SE
[72] SEETHARAMAN, SESHADRI, SE
[72] SEETHARAMAN, SRIDHAR, US
[71] JERNKONTORET, SE
[85] 2014-02-03
[86] 2012-08-17 (PCT/SE2012/050884)
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[30] SE (1100604-6) 2011-08-19

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[25] EN
[54] **MICROFILTRATION OF HUMAN MILK TO REDUCE BACTERIAL CONTAMINATION**
[54] **MICROFILTRATION DE LAIT HUMAIN POUR REDUIRE LA CONTAMINATION BACTERIENNE**
[72] FOURNELL, JOSEPH, US
[72] EAKER, SCOTT, US
[72] MONTOYA, ARMANDO, US
[71] PROLACTA BIOSCIENCE, INC., US
[85] 2014-02-03
[86] 2012-08-03 (PCT/US2012/049590)
[87] (WO2013/020081)
[30] US (61/514,673) 2011-08-03

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[51] **Int.Cl. C25C 1/18 (2006.01) C01G 21/00 (2006.01) C22B 13/00 (2006.01) H01J 9/52 (2006.01)**
[25] EN
[54] **RECOVERY OF LEAD AND INDIUM FROM GLASS, PRIMARILY FROM ELECTRONIC WASTE MATERIAL**
[54] **RECUPERATION DU PLOMB ET DE L'INDIUM A PARTIR DU VERRE, SURTOUT A PARTIR DE DECHETS ELECTRONIQUES**
[72] TENG, LIDONG, SE
[72] SEETHARAMAN, SESHADRI, SE
[72] YAMAGUCHI, KATSUNORI, JP
[72] IZUMI, YUKARI, JP
[71] JERNKONTORET, SE
[85] 2014-02-03
[86] 2012-08-17 (PCT/SE2012/050885)
[87] (WO2013/025169)
[30] SE (1150749-8) 2011-08-17
[30] SE (1100604-6) 2011-08-19

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[51] **Int.Cl. G06F 19/00 (2011.01) H04L 12/28 (2006.01)**
[25] EN
[54] **METHOD FOR REMOTELY MANAGING AN ENVIROMENTAL CONTROL AND MONITORING DEVICE**
[54] **PROCEDE DE GESTION A DISTANCE D'UN DISPOSITIF DE CONTROLE DE SURVEILLANCE ENVIRONNEMENTALE**
[72] GORDON, MICHAEL, US
[72] SCOTT, J. HENRY, US
[72] LAGANIS, EDWARD J., US
[72] JUDGE, JAMES M., US
[72] ARMONAITIS, KEITH, US
[71] INNOVACI INC., US
[85] 2014-02-03
[86] 2012-08-03 (PCT/US2012/049596)
[87] (WO2013/020085)
[30] US (61/514,675) 2011-08-03

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[13] A1
[51] **Int.Cl. G01V 1/50 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING SHEAR WAVE ANISOTROPY IN A VERTICALLY TRANSVERSELY ISOTROPIC FORMATION**
[54] **SYSTEME ET PROCEDE DE DETERMINATION DE L'ANISOTROPIE DE L'ONDE DE CISAILLEMENT DANS UNE FORMATION VERTICALEMENT ET TRANSVERSALEMENT ISOTROPE**
[72] FANG, XINDING, US
[72] CHANG, CHUNG, US
[72] CHENG, ARTHUR CHUEN HON, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-02-03
[86] 2011-08-05 (PCT/US2011/046779)
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[51] **Int.Cl. C04B 18/04 (2006.01) C04B 33/04 (2006.01) C04B 33/132 (2006.01) C04B 33/32 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING LIGHT-WEIGHT CONSTRUCTION MATERIAL USING WASTE PRODUCT AND LIGHT-WEIGHT CONSTRUCTION MATERIAL MANUFACTURED THEREBY**
[54] **PROCEDE DE FABRICATION D'UN MATERIAU DE CONSTRUCTION LEGER UTILISANT UN PRODUIT RESIDUAIRE ET MATERIAU DE CONSTRUCTION LEGER AINSI FABRIQUE**
[72] LEE, SE-LIN, KR
[71] LEE, SE-LIN, KR
[85] 2014-02-03
[86] 2012-07-06 (PCT/KR2012/005373)
[87] (WO2013/006011)
[30] KR (10-2011-0067272) 2011-07-07

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/444 (2006.01) A61K 31/506 (2006.01) A61P 31/16 (2006.01)**
[25] EN
[54] **INHIBITORS OF INFLUENZA VIRUSES REPLICATION**
[54] **INHIBITEURS DE LA REPLICATION DES VIRUS DE LA GRIPPE**
[72] CHARIFSON, PAUL S., US
[72] CLARK, MICHAEL P., US
[72] BANDARAGE, UPUL K., US
[72] BETHIEL, RANDY S., US
[72] BOYD, MICHAEL J., US
[72] DAVIES, IONA, US
[72] DENG, HONGBO, US
[72] DUFFY, JOHN P., US
[72] FARMER, LUC J., CA
[72] GAO, HUAI, US
[72] GU, WENXIN, US
[72] KENNEDY, JOSEPH M., US
[72] LEDFORD, BRIAN, US
[72] LEDEBOER, MARK W., US
[72] MALTAIS, FRANCOIS, US
[72] PEROLA, EMANUELE, US
[72] WANG, TIANSHENG, US
[71] VERTEX PHARMACEUTICALS INCORPORATED, US
[85] 2014-01-31
[86] 2012-08-01 (PCT/US2012/049097)
[87] (WO2013/019828)
[30] US (61/513,793) 2011-08-01

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[51] **Int.Cl. B01L 3/00 (2006.01) C12N 9/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROCESSING FLUIDS**
[54] **SYSTEMES ET PROCEDES POUR LE TRAITEMENT DE FLUIDES**
[72] BOLES, T. CHRISTIAN, US
[72] ABRAMS, EZRA S., US
[71] SAGE SCIENCE, INC., US
[85] 2014-02-03
[86] 2012-08-03 (PCT/US2012/049603)
[87] (WO2013/020089)
[30] US (61/515,063) 2011-08-04

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[13] A1
[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **QUINAZOLINE COMPOUNDS AS SERINE/THREONINE KINASE INHIBITORS**
[54] **COMPOSES DE QUINAZOLINE UTILES EN TANT QU'INHIBITEURS DE LA SERINE/THREONINE KINASE**
[72] BLAKE, JAMES F., US
[72] CHEN, HUIFEN, US
[72] CHICARELLI, MARK JOSEPH, US
[72] DEMEESE, JASON, US
[72] GARREY, RUSTAM FERDINAND, US
[72] GAUDINO, JOHN, US
[72] GAZZARD, LEWIS, US
[72] KAUS, ROBERT J., US
[72] KINTZ, SAMUEL, US
[72] MOHR, PETER J., US
[72] MORENO, DAVID A., US
[72] SCHWARZ, JACOB, US
[72] SIEDEM, CHRISTOPHER S., US
[72] WALLACE, ELI M., US
[71] ARRAY BIOPHARMA, INC., US
[71] GENENTECH, INC., US
[85] 2014-02-03
[86] 2012-08-03 (PCT/US2012/049551)
[87] (WO2013/020062)
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[13] A1
[51] **Int.Cl. H04N 21/431 (2011.01) H04N 21/254 (2011.01) H04N 21/4722 (2011.01) H04N 21/4788 (2011.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **CONTENT DISPLAY SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'AFFICHAGE DE CONTENU**
[72] LENAHAN, MICHAEL, US
[72] MITCHELL, BEN, US
[72] CHUNG, CHAHN, US
[72] YOUNG, LINDA, US
[72] JOHNSON, AMANDA, US
[71] EBAY INC., US
[85] 2014-02-03
[86] 2012-08-03 (PCT/US2012/049620)
[87] (WO2013/020098)
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[13] A1
[51] **Int.Cl. H02J 17/00 (2006.01)**
[25] EN
[54] **TUNABLE WIRELESS POWER ARCHITECTURES**
[54] **ARCHITECTURES D'ELECTRICITE SANS FIL REGLABLES**
[72] KARALIS, ARISTEIDIS, US
[72] KESLER, MORRIS P., US
[72] HALL, KATHERINE L., US
[72] PALLO, NATHAN ANDREW, US
[71] WITRICITY CORPORATION, US
[85] 2014-02-03
[86] 2012-08-06 (PCT/US2012/049777)
[87] (WO2013/020138)
[30] US (61/515,324) 2011-08-04

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[13] A1
[51] **Int.Cl. C08F 36/08 (2006.01) C12N 9/00 (2006.01) C12N 9/10 (2006.01) C12P 5/00 (2006.01)**
[25] EN
[54] **PRODUCTION OF ISOPRENE, ISOPRENOID PRECURSORS, AND ISOPRENOIDS USING ACETOACETYL-COA SYNTHASE**
[54] **PRODUCTION D'ISOPRENE, DE PRECURSEURS D'ISOPRENOIDES ET D'ISOPRENOIDES A L'AIDE DE L'ACETOACETYL-COA SYNTHASE**
[72] ALDOR, ILANA S., US
[72] BECK, ZACHARY Q., US
[72] MILLER, MICHAEL C., US
[72] PERES, CAROLINE M., US
[71] DANISCO US INC., US
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[85] 2014-02-03
[86] 2012-08-03 (PCT/US2012/049659)
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[30] US (61/515,300) 2011-08-04

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[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **PROVIDING KNOWLEDGE PANELS WITH SEARCH RESULTS**
[54] **FOURNITURE DE PANNEAUX DE CONNAISSANCES AVEC RESULTATS DE RECHERCHE**
[72] HENRY, JEROMY W., US
[71] GOOGLE INC., US
[85] 2014-02-03
[86] 2012-08-03 (PCT/US2012/049594)
[87] (WO2013/020084)
[30] US (61/515,305) 2011-08-04

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[51] **Int.Cl. C12N 15/85 (2006.01) A01K 67/027 (2006.01) C07K 16/46 (2006.01) C12N 9/64 (2006.01)**
[25] EN
[54] **HUMANIZED UNIVERSAL LIGHT CHAIN MICE**
[54] **SOURIS A CHAINE LEGERE UNIVERSELLE HUMANISEE**
[72] MCWIRTER, JOHN, US
[72] MACDONALD, LYNN, US
[72] STEVENS, SEAN, US
[72] DAVIS, SAMUEL, US
[72] BUCKLER, DAVID R., US
[72] HOSIAWA, KAROLINA A., US
[72] MURPHY, ANDREW J., US
[71] REGENERON PHARMACEUTICALS, INC., US
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[86] 2012-08-03 (PCT/US2012/049600)
[87] (WO2013/022782)
[30] US (61/515,374) 2011-08-05

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[51] **Int.Cl. G06T 7/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR WEIGHTED ATLAS GENERATION**
[54] **SYSTEME ET PROCEDE POUR GENERATION D'ATLAS PONDERE**
[72] BLUM, DAVID ARTHUR, US
[72] KOKONES, SCOTT, US
[72] CARLTON, KEITH, US
[71] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
[85] 2014-02-03
[86] 2012-08-09 (PCT/US2012/050170)
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[30] US (61/521,595) 2011-08-09

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[25] EN
[54] **POLICOSANOL NANOPARTICLES**
[54] **NANOPARTICULES DE POLICOSANOL**
[72] RAGHAVAN, PALAYAKOTAI R., US
[71] NANORX, INC., US
[85] 2014-02-03
[86] 2011-08-16 (PCT/US2011/047951)
[87] (WO2012/027159)
[30] US (61/376,194) 2010-08-23
[30] US (61/376,645) 2010-08-24

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[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) A61N 1/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR STIMULATION-RELATED VOLUME ANALYSIS, CREATION, AND SHARING**
[54] **SYSTEMES ET PROCEDES PERMETTANT UN PARTAGE, UNE CREATION ET UNE ANALYSE DE VOLUMES RELATIFS A UNE STIMULATION**
[72] CARLTON, KEITH, US
[72] CASSIDY, JIM, US
[72] CHEN, DEAN, US
[72] MOFFITT, MICHAEL A., US
[72] ZOTTOLA, DENNIS, US
[71] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
[85] 2014-02-03
[86] 2012-08-09 (PCT/US2012/050187)
[87] (WO2013/023085)
[30] US (61/521,626) 2011-08-09
[30] US (61/521,641) 2011-08-09
[30] US (61/521,632) 2011-08-09
[30] US (61/676,000) 2012-07-26
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[51] **Int.Cl. F01N 11/00 (2006.01)**
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[54] **MEASUREMENT OF DIESEL ENGINE EMISSIONS**
[54] **MESURE DES EMISSIONS DE MOTEUR DIESEL**
[72] ROBERTSON, DOUGLAS A., US
[72] SANANIKONE, NEARAMIT, US
[72] TAGOMORI, MAURO, US
[71] TRANSOCEAN SEDCO FOREX VENTURES LIMITED, KY
[85] 2014-02-03
[86] 2012-08-10 (PCT/US2012/050292)
[87] (WO2013/025482)
[30] US (61/524,053) 2011-08-16

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[13] A1
[51] **Int.Cl. H04N 7/16 (2011.01)**
[25] EN
[54] **USER COMMENTARY SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES POUR LES COMMENTAIRES DES UTILISATEURS**
[72] GLASGOW, DANE, US
[72] ABRAHAM, JACK PHILLIP, US
[72] CONRADT, JONATHAN, US
[72] VOSSELLER, SHANNON B., US
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[54] **METHOD AND APPARATUS FOR GENERATING 3D AUDIO POSITIONING USING DYNAMICALLY OPTIMIZED AUDIO 3D SPACE PERCEPTION CUES**
[54] **PROCEDE ET APPAREIL POUR GENERER UN POSITIONNEMENT AUDIO TRIDIMENSIONNEL A L'AIDE DE REPERES DE PERCEPTION D'ESPACE TRIDIMENSIONNEL AUDIO DYNAMIQUEMENT OPTIMISES**
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[72] GASPARRI, MASSIMILIANO, US
[72] OSTROVER, LEWIS S., US
[72] COLLAR, BRADLEY THOMAS, US
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[54] **SYSTEME ET PROCEDE DE GENERATION DE VOLUME D'ACTIVATION (VOA) A L'AIDE D'UNE ANALYSE SPECIFIQUE A UNE FIBRE**
[72] BLUM, DAVID ARTHUR, US
[72] MOFFITT, MICHAEL A., US
[72] STEINKE, KARL, US
[71] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
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[54] **REMOTE CONTROL FOR BLIND CLINICAL TRIALS OF ELECTRICAL STIMULATION**
[54] **COMMANDE A DISTANCE D'ESSAIS CLINIQUES A L'AVEUGLE DE STIMULATION ELECTRIQUE**
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[71] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
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[54] **APPAREIL ET PROCEDE DE FIXATION DE FERME DE TOIT A PLUSIEURS ANGLES**
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[71] WEEKS HOLDINGS PTY LTD, AU
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[54] **MOUSSES POLYURETHANE PAUVRES EN MONOMERES**
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[72] FRANKEN, UWE, DE
[72] LOHR, CHRISTOPH, DE
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[54] **BENZOFURAN COMPOUNDS FOR THE TREATMENT OF HEPATITIS C VIRUS INFECTIONS**
[54] **COMPOSES BENZOFURANES POUR LE TRAITEMENT D'INFECTIONS PAR LE VIRUS DE L'HEPATITE C**
[72] CHONG, PEK YOKE, US
[72] MILLER, JOHN F., US
[72] PEAT, ANDREW JAMES, US
[72] SHOTWELL, JOHN BRAD, US
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[54] **SYSTEME ET PROCEDE D'ACQUISITION RAPIDE D'IMAGE OCT A L'AIDE D'UN ECHANTILLONNAGE COMPRESSIF**
[72] BEG, MIRZA FAISAL, CA
[72] LEBED, EVGENIY, CA
[72] SARUNIC, MARINKO V., CA
[71] SIMON FRASER UNIVERSITY, CA
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[54] **APPARATUS FOR ATTACHING A FILTER BAG TO A VACUUM SWEEPER, SUCH A FILTER BAG AND A METHOD OF ATTACHMENT**
[54] **APPAREIL POUR FIXER UN SAC FILTRANT A UN ASPIRATEUR, LEDIT SAC FILTRANT ET UN PROCEDE DE FIXATION**
[72] RUPP, MARK N., US
[72] KRAUSNICK, DALE A., US
[72] KWAN, HUI HIU, CN
[72] LONG, LI JIN, CN
[72] GOETZ, PAUL, US
[72] KUNKLER, JEFFERY SCOTT, CN
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[71] UNITLOAD PTY LTD, AU
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[54] **OXYDATION ET AMINATION D'ALCOOLS SECONDAIRES**
[72] HAAS, THOMAS, DE
[72] POTTER, MARKUS, DE
[72] PFEFFER, JAN CHRISTOPH, DE
[72] KROUTIL, WOLFGANG, AT
[72] SKERRA, ARNE, DE
[72] LERCHNER, ALEXANDRA, DE
[72] TAUBER, KATHARINA CHRISTIN, AT
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[54] **QUINAZOLINONE ANALOGS AND USE OF QUINAZOLINONE ANALOGS FOR TREATING OR PREVENTING CERTAIN VIRAL INFECTIONS**
[54] **ANALOGUES DE QUINAZOLINONE ET UTILISATION D'ANALOGUES DE QUINAZOLINONE POUR LE TRAITEMENT OU LA PREVENTION DE CERTAINES INFECTIONS VIRALES**
[72] HEIL, MARINTHA L., US
[72] COSFORD, NICHOLAS D.P., US
[72] ARDECKY, ROBERT, US
[72] ZOU, JIWEN, US
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[54] **VEHICLE SUSPENSION AND IMPROVED METHOD OF ASSEMBLY**
[54] **SUSPENSION POUR VEHICULE ET PROCEDE D'ASSEMBLAGE PERFECTIONNE**
[72] NOBLE, SHAWN D., US
[72] KERENDIAN, HORMOZ, US
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[54] **TRAITEMENT DE MATIERES SULFUREES**
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[72] HOURN, MICHAEL MATTHEW, AU
[71] GLENCORE QUEENSLAND LIMITED, AU
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[54] **APPLYING COMPRESSION TO BUSBARS IN A BUSWAY ASSEMBLY**
[54] **APPLICATION D'UNE COMPRESSION SUR DES BARRES OMNIBUS DANS UN ENSEMBLE DE BARRE BLINDEE**
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[72] HANKINS, KIMBERLY M., US
[72] WRIGHT, WAYNE E., US
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[54] **UNITE DE VITRAGE ISOLANT SOUS VIDE MUNI DE JOINT D'ETANCHEITE DE BORD VISQUEUX**
[72] JONES, ROBERT S., US
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[54] **LANCES PERMETTANT UNE INJECTION SUBMERGEE PAR LE HAUT**
[72] MATUSEWICZ, ROBERT, AU
[72] REUTER, MARKUS, FI
[71] OUTOTEC OYJ, FI
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[54] **APPARATUS AND SYSTEM FOR CONTROLLING WINDOW COVERINGS TO ADJUST ADMITTED DAYLIGHT**
[54] **APPAREIL ET SYSTEME DE COMMANDE DE COUVRE-FENETRES PERMETTANT D'AJUSTER LA QUANTITE DE LUMIERE DU JOUR ADMISE**
[72] ELEMENT, RICHARD GERAINT, CA
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[54] **STRUCTURE STATIQUE A TRAVEE LARGE**
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[72] ABDEL-SAYED, GEORGE, US
[72] LEE, KENNETH F., US
[72] BONACCI, GARY J., US
[72] HELGESON, MATT, US
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[54] **METHODS AND COMPOSITIONS FOR TARGETED INTEGRATION IN A PLANT**
[54] **PROCEDES ET COMPOSITIONS PERMETTANT UNE INTEGRATION CIBLEE DANS UNE PLANTE**
[72] CIGAN, ANDREW MARK, US
[72] FALCO, SAVERIO CARL, US
[72] GAO, HUIRONG, US
[72] LASSNER, MICHAEL W., US
[72] LI, ZHONGSEN, US
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[72] LYZNIK, LESZEK A., US
[72] PETERSON, DAVID J., US
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[54] **SYSTEME DE COMMUNICATION POUR DES COMMUNICATIONS SANS FIL A CODAGE SPATIAL**
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[54] **MALADIE CARDIOVASCULAIRE**
[72] SALAS PEREZ-RASILLA, EDUARDO, ES
[72] MARRUGAT DE LA IGLESIA, JAUME, ES
[72] ELOSUA LLANOS, ROBERTO, ES
[72] CASTILLO FERNANDEZ, SERGIO, ES
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[72] ORDOVAS MUNOZ, JOSE MARIA, US
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[54] **FOREUSE JUMBO MOBILE A ALIMENTATION ENTIEREMENT ELECTRIQUE**
[72] RUDINEC, STEPHEN A., US
[71] OLDENBURG GROUP INCORPORATED, US
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[54] **DETECTING POINTING GESTURES IN A THREE-DIMENSIONAL GRAPHICAL USER INTERFACE**
[54] **DETECTION DE GESTES DE POINTAGE DANS UNE INTERFACE GRAPHIQUE UTILISATEUR TRIDIMENSIONNELLE**
[72] MARTIN, DAVID, CA
[72] HILL, DOUGLAS, CA
[72] TSE, EDWARD, CA
[72] SEGELKEN, WENDY, CA
[71] SMART TECHNOLOGIES ULC, CA
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[54] **SYSTEMS AND METHODS FOR MAKING OPTIMIZED BOREHOLE ACOUSTIC MEASUREMENTS**
[54] **SYSTEMES ET PROCEDES POUR EFFECTUER DES MESURES ACOUSTIQUES OPTIMISEES DE FOND DE TROU**
[72] DONDERICI, BURKAY, US
[72] GUNER, BARIS, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SELF-TESTING COMBUSTIBLE GAS AND HYDROGEN SULFIDE DETECTION APPARATUS**
[54] **APPAREIL DE DETECTION DE COMBUSTIBLES GAZEUX ET DE SULFURE D'HYDROGENE A TEST AUTOMATISE**
[72] FLANDERS, PATRICK S., US
[71] ARAMCO SERVICES COMPANY, US
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[54] **COMPOSITIONS AND METHODS TO INHIBIT STEM CELL AND PROGENITOR CELL BINDING TO LYMPHOID TISSUE AND FOR REGENERATING GERMINAL CENTERS IN LYMPHATIC TISSUES**
[54] **COMPOSITIONS ET PROCEDES D'INHIBITION DE LA LIAISON DE CELLULES PROGENITRICES ET DE CELLULES SOUCHES AU TISSU LYMPHOIDE ET DE REGENERATION DE CENTRES GERMINATIFS DANS DES TISSUS LYMPHATIQUES**
[72] DEISHER, THERESA, US
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[54] **IMPROVED CASING DETECTION TOOLS AND METHODS**
[54] **OUTILS ET PROCEDES AMELIORES DE DETECTION DE TUBAGE**
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[72] WU, HSU-HSIANG, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SHELF STABLE, LOW WATER LIQUID BEVERAGE CONCENTRATES AND METHODS OF MAKING THE SAME**
[54] **CONCENTRES LIQUIDES DE BOISSON A FAIBLE TENEUR EN EAU STABLES EN CONSERVATION ET PROCEDES POUR LES PREPARER**
[72] ZELLER, BARY LYN, US
[72] TOPINKA, JOHN P., US
[72] RAGNARSSON, KARL, US
[72] KYSER, DALE ANTHONY, US
[71] KRAFT FOODS GROUP BRANDS LLC, US
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[54] **PROCEDE ET APPAREIL POUR DETECTER DES DEFAUTS**
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[72] EBERSOLD, RICHARD L., US
[72] ELBERT, TROY L., US
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[54] **MATERIAU EMM-23 POUR TAMIS MOLECULAIRE, SA SYNTHESE ET SON UTILISATION**
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[72] STROHMAIER, KARL G., US
[72] VROMAN, HILDA B., US
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[54] **SYSTEME D'ACCES CHIRURGICAL COMPRENANT UN APPAREIL DE PORTAIL CHIRURGICAL ET UN TIMBRE ADHESIF**
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[54] **INHIBITEURS DE KYNURENINE-3-MONOOXYGENASE, COMPOSITIONS PHARMACEUTIQUES ET PROCEDES D'UTILISATION DE CES COMPOSITIONS**
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[72] ZAJESKI, ROBERT, US
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[54] **PROCEDE ET SYSTEME POUR LA PURIFICATION DE COURANTS GAZEUX/LIQUIDES POUR PILES A COMBUSTIBLE OU CELLULES D'ELECTROLYSE**
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[54] **PROCEDE ET DISPOSITIF DE RECUPERATION DE LACTIDE A PARTIR DE POLYLACTIDE OU DE GLYCOLIDE A PARTIR DE POLYGLYCOLIDE**
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[71] UHDE INVENTA-FISCHER GMBH, DE
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[54] **METHODES DE TRAITEMENT DE L'INFLAMMATION ET DE L'HYPERTENSION AVEC DES DESACTIVEURS DE GAMMA-CETOALDEHYDE**
[72] ROBERTS, L. JACKSON, US
[72] AMARNATH, VENKATARAMAN, US
[72] HARRISON, DAVID G., US
[71] VANDERBILT UNIVERSITY, US
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[72] ZIMMERMAN, CRAIG, US
[72] JOYAL, JOHN L., US
[72] LU, GENLIANG, US
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[54] **DISPOSITIF DE VERROUILLAGE A ETRIER TENDEUR POUR UN SYSTEME DE COUVERTURE SOUPLE**
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[72] WEHNERT, RONALD A., US
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[54] **METHODE ET APPAREILLAGE POUR LA PREPARATION DE BANDES DE ROULEMENT DESTINEES AUX PNEUS RECHAPPES**
[72] GRIDLEY, JASON L., US
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[72] CONDER, PAUL J., US
[72] MORY, STEVEN W., US
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[54] **APPAREIL DE DISTRIBUTION DE FIL POUR FIL CONDITIONNE**
[72] FABIAN, GABOR, US
[71] LINCOLN GLOBAL, INC., US
[22] 2010-02-25
[41] 2010-09-16
[62] 2,748,231
[30] US (12/401,154) 2009-03-10

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[21] **2,842,803**
[13] A1
[51] **Int.Cl. B65D 85/04 (2006.01)**
[25] EN
[54] **WIRE DISPENSING APPARATUS FOR PACKAGED WIRE**
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[72] FABIAN, GABOR, US
[71] LINCOLN GLOBAL, INC., US
[22] 2010-02-25
[41] 2010-09-16
[62] 2,748,231
[30] US (12/401,154) 2009-03-10

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[21] **2,842,840**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 50/32 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING PERSONALIZED DELIVERY SERVICES**
[54] **SYSTEMES ET PROCEDES DE PRESTATION DE SERVICES DE LIVRAISON PERSONNALISES**
[72] RIZZO, JOE S., US
[72] SHROFF, SUMEET, US
[72] KLINGENBERG, ROBERT, US
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US
[22] 2006-06-20
[41] 2007-01-04
[62] 2,609,841
[30] US (60/692,849) 2005-06-21
[30] US (60/701,712) 2005-07-22
[30] US (60/750,684) 2005-12-14

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[21] **2,842,843**
[13] A1
[51] **Int.Cl. B07B 1/46 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR SEPARATING SOLIDS FROM A SOLIDS LADEN DRILLING FLUID**
[54] **APPAREIL ET PROCEDE POUR SEPARER DES SOLIDES D'UN FLUIDE DE FORAGE CHARGE DE SOLIDES**
[72] BURNETT, GEORGE ALEXANDER, GB
[71] NATIONAL OILWELL VARCO, L.P., US
[22] 2011-03-24
[41] 2011-11-03
[62] 2,795,505
[30] GB (1007165.2) 2010-04-29

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[21] **2,842,921**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/82 (2013.01) A61M 25/04 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR ENDOVASCULAR HEART VALVE REPLACEMENT COMPRISING TISSUE GRASPING ELEMENTS**
[54] **PROCEDES ET APPAREIL DE REMPLACEMENT ENDOVASCULAIRE DE VALVULE CARDIAQUECOMPRENANT DES ELEMENTS DE PREHENSION DE TISSU**
[72] SALAHIEH, AMR, US
[72] HILDEBRAND, DANIEL, US
[72] SAUL, TOM, US
[71] SADRA MEDICAL, INC., US
[22] 2006-09-18
[41] 2007-05-10
[62] 2,623,814
[30] US (11/232,444) 2005-09-20
[30] US (11/232,441) 2005-09-20

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[21] **2,842,959**
[13] A1
[51] **Int.Cl. C12P 21/08 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01) C12N 15/85 (2006.01)**
[25] EN
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[72] FANN, JOHN C., US
[72] SCHULZ, CHRISTOF, US
[72] ROY, NICOLE A., US
[72] BRUTON, DAVID F., US
[72] MCINTIRE, JAMES, US
[72] CHANG, YU-HSIANG DAVID, US
[72] SEEWOESTER, THOMAS, US
[71] ABBVIE INC., US
[22] 2007-09-13
[41] 2008-03-20
[62] 2,663,442
[30] US (60/845,158) 2006-09-13
[30] US (60/876,374) 2006-12-21

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[21] **2,842,964**
[13] A1
[51] **Int.Cl. C12N 5/02 (2006.01) C12N 5/07 (2010.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01) C12N 15/85 (2006.01) C12P 21/02 (2006.01) C12P 21/08 (2006.01)**
[25] EN
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[72] PLA, ITZCOATL A., US
[72] MATUCK, JOSEPH C., US
[72] FANN, JOHN C., US
[72] SCHULZ, CHRISTOF, US
[72] ROY, NICOLE A., US
[72] BRUTON, DAVID F., US
[72] MCINTIRE, JAMES, US
[72] CHANG, YU-HSIANG DAVID, US
[72] SEEWOESTER, THOMAS, US
[71] ABBVIE INC., US
[22] 2007-09-13
[41] 2008-03-20
[62] 2,663,442
[30] US (60/845,158) 2006-09-13
[30] US (60/876,374) 2006-12-21

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[21] **2,842,966**
[13] A1
[51] **Int.Cl. C12P 21/08 (2006.01) C12N 5/10 (2006.01) C12Q 1/00 (2006.01) C12Q 3/00 (2006.01) C12N 15/13 (2006.01) C12N 15/85 (2006.01)**
[25] EN
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[54] **AMELIORATIONS A LA CULTURE DE CELLULES**
[72] PLA, ITZCOATL A., US
[72] MATUCK, JOSEPH C., US
[72] FANN, JOHN C., US
[72] SCHULZ, CHRISTOF, US
[72] ROY, NICOLE A., US
[72] BRUTON, DAVID F., US
[72] MCINTIRE, JAMES, US
[72] CHANG, YU-HSIANG DAVID, US
[72] SEEWOESTER, THOMAS, US
[71] ABBVIE INC., US
[22] 2007-09-13
[41] 2008-03-20
[62] 2,663,442
[30] US (60/845,158) 2006-09-13
[30] US (60/876,374) 2006-12-21

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[21] **2,843,001**
[13] A1
[51] **Int.Cl. C12N 5/0789 (2010.01) C12N 5/071 (2010.01) C12N 5/077 (2010.01)**
[25] EN
[54] **PROGENITOR CELL POPULATIONS, EXPANSION THEREOF, AND GROWTH OF NON-HEMATOPOIETIC CELL TYPES AND TISSUES THEREFROM**
[54] **POPULATIONS DE CELLULES SOUCHES, LEUR EXPANSION, ET PRODUCTION DE TISSUS ET D'ESPECES DE CELLULES NON HEMATOPOIETIQUES A PARTIR DESDITES CELLULES SOUCHES**
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[72] DAVIES, JOHN E., CA
[72] ZANDSTRA, PETER, CA
[71] BAKSH, DOLORES, CA
[71] DAVIES, JOHN E., CA
[71] ZANDSTRA, PETER, CA
[22] 2002-04-23
[41] 2002-10-31
[62] 2,444,959
[30] US (60/285,701) 2001-04-24
[30] US (60/328,110) 2001-10-11

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[21] **2,843,009**
[13] A1
[51] **Int.Cl. A61K 8/02 (2006.01) A61Q 19/08 (2006.01) B05D 5/00 (2006.01) B41J 2/01 (2006.01) B41J 3/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING TARGETED AND INDIVIDUALIZED DELIVERY OF COSMETIC ACTIVES**
[54] **PROCEDE ET SYSTEME D'ADMINISTRATION CIBLEE ET INDIVIDUALISEE DE PRODUITS COSMETIQUES ACTIFS**
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[72] MOHAMMADI, FATEMEH, US
[72] QU, LISA, US
[72] CZARNOTA, ANNA, US
[72] MOU, TSUNG-WEI ROBERT, US
[71] ELC MANAGEMENT LLC, US
[22] 2009-08-03
[41] 2010-03-25
[62] 2,735,596
[30] US (61/097,273) 2008-09-16

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[21] **2,843,044**
[13] A1
[51] **Int.Cl. C11C 3/00 (2006.01) A23D 9/00 (2006.01) A23L 1/29 (2006.01) A61K 31/202 (2006.01) A61P 3/02 (2006.01) C11B 3/12 (2006.01) C11C 3/10 (2006.01) C11D 3/00 (2006.01)**
[25] EN
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[72] THORSTAD, OLAV, NO
[72] SONDBO, SVERRE, NO
[71] PRONOVA BIOPHARMA NORGE AS, NO
[22] 2003-07-11
[41] 2004-01-22
[62] 2,492,720
[30] SE (0202188-9) 2002-07-11
[30] IB (PCT/IB03/02827) 2003-07-08

[21] **2,843,085**
[13] A1
[51] **Int.Cl. H01B 3/30 (2006.01) C08J 3/24 (2006.01) C08K 5/57 (2006.01)**
[25] EN
[54] **DISTANNOXANE CATALYSTS FOR SILANE CROSSLINKING AND CONDENSATION REACTIONS**
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[72] CHAUDHARY, BHARAT I., US
[72] MULLINS, MICHAEL J., US
[72] KUHLMAN, ROGER L., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[22] 2006-08-25
[41] 2007-03-22
[62] 2,621,424
[30] US (60/716,767) 2005-09-13

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[21] **2,843,110**
[13] A1
[51] **Int.Cl. H01B 3/30 (2006.01) C08G 18/24 (2006.01) C08J 3/24 (2006.01) C08K 5/57 (2006.01)**
[25] EN
[54] **DISTANNOXANE CATALYSTS FOR SILANE CROSSLINKING AND CONDENSATION REACTIONS**
[54] **CATALYSEURS A BASE DE DISTANNOXANE POUR REACTIONS DE CONDENSATION ET DE RETICULATION EN PRESENCE DE SILANE**
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[72] MULLINS, MICHAEL J., US
[72] KUHLMAN, ROGER L., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[22] 2006-08-25
[41] 2007-03-22
[62] 2,621,424
[30] US (60/716,767) 2005-09-13

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[21] **2,843,293**
[13] A1
[51] **Int.Cl. A47J 43/07 (2006.01) A23G 9/12 (2006.01) A23G 9/22 (2006.01) A47J 43/04 (2006.01)**
[25] EN
[54] **FOOD BASED HOMOGENIZER**
[54] **HOMOGENEISATEUR ALIMENTAIRE AMOVIBLE MONTE SUR BASE MOTRICE**
[72] MACHOVINA, BRIAN LOUIS, US
[72] JOHNSON, ROBERT, US
[72] SCHMIDT, ROBERT, US
[72] BREEDEN, WINSTON, US
[72] WHITNER, DOUGLAS EDWARD, US
[72] MCHALE, EILEEN, US
[71] HEALTHY FOODS, LLC, US
[22] 2011-08-08
[41] 2012-02-29
[62] 2,756,894
[30] US (61/378662) 2010-08-31
[30] US (61/440939) 2011-02-03
[30] US (13/108112) 2011-05-16

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[21] **2,843,295**
[13] A1
[51] **Int.Cl. B62D 13/04 (2006.01) B65G 41/00 (2006.01)**
[25] EN
[54] **CONVEYOR MACHINE HAVING PIVOT CONNECTOR COMPRISING CURVED TRACK AND ROLLERS ENGAGING TRACK**
[54] **MACHINE DE TRANSPORT MUNIE D'UNE ARTICULATION COMPORTANT UN RAIL DE ROULEMENT COURBE ET UN RAIL D'ENGAGEMENT DES GALETS**
[72] DEMONG, MAURICE, CA
[72] KRUECKL, EDWARD, CA
[71] PRAIRIE MACHINE & PARTS MFG. (1978) LTD., CA
[22] 2007-02-08
[41] 2008-08-08
[62] 2,578,431

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BAE SYSTEMS HAGGLUNDS AKTIEBOLAG 2,843,839
BAIDAK, ALEXANDRE 2,843,659
BAIG, ATTAULLAH 2,843,826
BAKER HUGHES INCORPORATED 2,843,259
BAKER HUGHES INCORPORATED 2,843,604
BAKER IDI HEART AND DIABETES INSTITUTE HOLDINGS LTD 2,843,473
BALDWIN, GARDNER T. 2,843,598
BALL, BRUCE W. 2,843,647
BANDA, ROCIO 2,843,971
BANDARAGE, UPUL K. 2,844,054
BARIBEAU, STEPHANE 2,843,780
BARIBEAU, STEPHANE 2,843,819
BARONE, PAUL W. 2,843,950
BARRE, LAURENT 2,843,149
BASF SE 2,844,014
BATTISTUZZI, GIANFRANCO 2,843,211
BAUER, LARRY 2,843,971
BAUERLE, PASCAL 2,843,411
BAUMGARTNER, BRUNO 2,843,773
BAUMGARTNER, BRUNO 2,843,777
BAYER INTELLECTUAL PROPERTY GMBH 2,843,809
BAYERISCHES HAUPTMUNZAMT 2,843,770
BEARSS, DAVID J. 2,843,609
BECHERER, MIRIAM 2,843,817
BECK, ZACHARY Q. 2,844,064
BEG, MIRZA FAISAL 2,844,087
BEHESHTI-ZAVAREH, NEDA 2,843,355
BEHESHTI-ZAVAREH, NEDA 2,843,366
BEN-DOR, ERAN 2,844,027
BEN-YISHAI, DROR 2,843,831
BEQ, STEPHANIE 2,843,495
BERAT, CLAUDE 2,843,690
BERCHTOLD, HARALD 2,843,773
BERCHTOLD, HARALD 2,843,777

BERESOWSKI, FRANK 2,844,036
BERGER, STEFAN 2,843,815
BERRETT, DOUGLAS R. 2,843,505
BERTANI, BARBARA 2,843,805
BERTEAU, PATRICK 2,843,690
BERTOLINI, GIORGIO 2,843,827
BESSON, FRANCOIS 2,843,541
BESSON, FRANCOIS 2,843,543
BETHIEL, RANDY S. 2,844,054
BETTIOL, JEAN-LUC PHILIPPE 2,843,256
BETTIOL, JEAN-LUC PHILLIPPE 2,843,252
BEZES, GILLES 2,843,802
BHAT, NIKHIL 2,843,147
BIERHUIZEN, SERGE J.A. 2,843,735
BIERSCHENK, PATRICK JOSEPH 2,843,511
BILAS, THOMAS 2,843,770
BILLAUD, CLAUDE 2,843,659
BINDIG, REINER 2,843,481
BIOGEN IDEC MA INC. 2,843,430
BIRNER, MARKUS 2,843,481
BISCHOF + KLEIN GMBH & CO. KG 2,843,761
BISEK, NICOLA 2,843,883
BITLIT MEDIA INC. 2,843,680
BITTAR, MICHAEL S. 2,844,111
BLACK CAT BLADES LTD. 2,843,585
BLACK, JAMES TIMOTHY 2,843,272
BLACKBERRY LIMITED 2,843,204
BLACKBERRY LIMITED 2,843,271
BLACKBERRY LIMITED 2,843,404
BLACKBERRY LIMITED 2,843,444
BLACKBERRY LIMITED 2,843,494
BLACKBERRY LIMITED 2,843,538
BLACKBERRY LIMITED 2,843,539
BLACKBERRY LIMITED 2,843,917
BLAISS, H. DENNIS 2,843,952
BLAKE, JAMES F. 2,844,058
BLANKS, ROBERT C. 2,843,139
BLOBEL, GERD 2,843,643
BLOOM, DANIEL 2,843,945
BLOOM, ELIOT F. 2,843,768
BLOOR, KATIE 2,843,825
BLUM, DAVID ARTHUR 2,844,072
BLUM, DAVID ARTHUR 2,844,079
BLUMENTHAL, FRANK 2,844,129
BOCK, CHRIS 2,843,507
BOCK, MALCOM 2,843,806
BODICK, NEIL 2,843,139
BOEGE, SAMUAL DAVID 2,843,591
BOEHRINGER INGELHEIM INTERNATIONAL GMBH 2,843,805
BOI, MARCO 2,843,498
BOKHENIK, ROMAN 2,843,806
BOLES, T. CHRISTIAN 2,844,056
BOLJONIS, DAN 2,843,745
BOLTON, MARK 2,844,146
BOMER, ULF 2,843,809
BONACCI, GARY J. 2,844,100
BONN, KENLYN S. 2,843,476
BONTU, CHANDRA SEKHAR 2,843,444
BORNER, MARTIN WILFRIED 2,843,415
BOSTON SCIENTIFIC NEUROMODULATION CORPORATION 2,844,072
BOSTON SCIENTIFIC NEUROMODULATION CORPORATION 2,844,075
BOSTON SCIENTIFIC NEUROMODULATION CORPORATION 2,844,079
BOSTON SCIENTIFIC NEUROMODULATION CORPORATION 2,844,081
BOSTWICK, EILEEN F. 2,843,315
BOSWORTH, PAUL 2,844,146
BOTT, KATIE 2,843,550
BOWEN, PATRICK JOSEPH 2,844,095
BOWMAN, ROGER PAUL 2,843,271
BOYD, MICHAEL J. 2,844,054
BRADFORD, VALERIE JEAN 2,843,743
BRAECKMAN, KARL GHISLAIN 2,843,252
BRAECKMAN, KARL GHISLAIN 2,843,256
BREWINGTON, BRIAN 2,843,900
BRINKMANN, ANDREW JOSEPH 2,843,141
BRODY, EDWARD N. 2,843,756
BROECKER, FELIX 2,843,908
BROWN, BRADLEY ALLAN JAMES 2,841,286
BROWN, CHRISTOPHER JOHN 2,844,128
BROWN, STEPHEN H. 2,843,515
BROWN, STEPHEN H. 2,843,517
BRUERE, ALAIN 2,843,579
BRUN, PAOLA 2,843,794
BRUNELLE, JOHN ERIC 2,843,632
BSN MEDICAL GMBH 2,843,776
BUCHANAN, JOHN S. 2,843,517
BUCHINE, BRENT 2,843,227
BUCKLER, DAVID R. 2,844,070
BUISSETTE, VALERIE 2,843,542
BURCH, JASON 2,843,499
BURELOUX, DOMINIQUE 2,843,849
BURK, ROBERT M. 2,843,273
BURNSTAD, ROY M. 2,843,725
BURTON, ALLEN W. 2,844,120
BURTON, STEPHANIE L. 2,843,642
BUSIELLO, IMMACOLATA 2,843,794
BYMASTER, FRANK 2,843,847
CABERTECH, INC. 2,843,144
CABRI, WALTER 2,843,211
CAI, ZHIJUN 2,843,204
CAI, ZHIJUN 2,843,444
CALZA, PAOLO 2,843,555
CAMBER, OLA 2,843,921
CAMBER, OLA 2,843,960
CAMPAGNA, MATTHEW JOHN 2,843,271
CAMPBELL, JOHN E. 2,843,600
CAMPBELL, NEIL LESTER 2,843,889
CANTER, JAMES M. 2,843,895
CANTU, ALFREDO 2,843,147
CAPELLI, ANNA MARIA 2,843,782
CAPODIECI, FRANK 2,843,437
CARBONITE CORPORATION 2,843,217
CARCIERI, STEPHEN 2,844,081
CAREFUSION 207, INC. 2,843,967
CARLSSON, MARTIN 2,843,839
CARLTON, KEITH 2,844,072
CARLTON, KEITH 2,844,075
CARLTON, KEITH 2,844,081
CARREZ, JEAN-LUC 2,843,149
CARROLL, RAY 2,843,889
CASERTA, JUSTIN ANGELO 2,843,897
CASHMAN, SIOBHAN M. 2,843,684
CASILLO, RAFFAELE 2,843,919
CASSIDY, JIM 2,844,075
CASTAGLIUOLO, IGNAZIO 2,843,794
CASTILLO FERNANDEZ, SERGIO 2,844,103
CATERPILLAR MOTOREN GMBH & CO. KG 2,843,428
CAUWOOD, PETER 2,843,889
CAVACUITI, JOHN 2,843,482
CAVELIUS, JORG 2,843,688
CAWTHORNE, SIMON 2,843,803
CAWTHORNE, SIMON 2,843,807
CAWTHORNE, SIMON 2,843,810
CAYABYAB, RONALDO 2,843,275
CECCHETTO, BENJAMIN THOMAS 2,843,772
CERAM TEC GMBH 2,843,481
CERDA BARO, AGUSTIN 2,843,696
CEREA, PAOLANGELO 2,843,553
CERTICOM CORP. 2,843,271
CERTUSVIEW TECHNOLOGIES, LLC. 2,843,530
CEUGNIET, CLAIRE GENEVIEVE 2,843,440
CHAGNON, MATHIEU 2,843,780
CHAGNON, MATHIEU 2,843,819
CHAGNON, YVES 2,843,516
CHALENCON, JULIEN 2,843,541
CHALENCON, JULIEN 2,843,543
CHAN, PHILLIP MAN WAI 2,843,755
CHAN, RANDY S. 2,843,146
CHAN, WAI 2,843,889
CHANG, CHUNG 2,844,051
CHANG, EDWARD Y. 2,843,747
CHANG, PHING CHU 2,843,755
CHARIFSON, PAUL S. 2,844,054
CHASSER, ANTHONY M. 2,843,758
CHATTOPADHYAY, KAMANIO 2,843,509
CHDI FOUNDATION, INC. 2,844,128
CHEGUDI, SUJATHA 2,843,509
CHEN, ALON 2,844,012
CHEN, DANNY 2,843,796
CHEN, DEAN 2,844,075
CHEN, HONGGANG 2,843,493
CHEN, HUIFEN 2,844,058
CHEN, PENG 2,843,755
CHEN, QIAOHONG 2,843,596
CHEN, SHUIHUI 2,843,420
CHENG, ARTHUR CHUEN HON 2,844,051
CHENG, SHAN 2,843,848
CHENG, YUESHENG 2,843,243

CHEVRON U.S.A. INC. 2,843,601
CHEVRON U.S.A. INC. 2,843,646
CHIA, CHRISTOPHER 2,843,275
CHICARELLI, MARK JOSEPH 2,844,058
CHIESI FARMACEUTICI S.P.A. 2,843,782
CHINEN, TORU 2,843,263
CHIODINI, ALAIN 2,843,878
CHIODO, TIZIANA 2,844,014
CHITI, GIACOMO 2,843,832
CHONG, PEK YOKE 2,844,086
CHOPRA, RAJESH 2,843,887
CHOW, KEN 2,843,245
CHOW, MINA WAI-BING 2,843,145
CHOW, SEAN 2,843,275
CHOWDHARY, MANJIT 2,843,602
CHU, PETER 2,843,826
CHUNG, CHAHN 2,844,060
CHUNG, WILLIAM 2,843,523
CIAVARELLA, NICK 2,843,811
CIGAN, ANDREW MARK 2,844,101
CLAIR, BRIAN DAVID 2,843,605
CLAIR, BRIAN DAVID 2,843,608
CLAIR, BRIAN DAVID 2,843,615
CLAPPER, JASON, R. 2,843,265
CLAPPER, JON GABRIEL 2,843,607
CLARK, DON ROBERTS 2,843,710
CLARK, MICHAEL P. 2,844,054
CLARKE, JOANNA MARGARET 2,843,252
CLARKE, JOANNA MARGARET 2,843,256
CLAYMAN, MICHAEL D. 2,843,139
CLEMENTS, RONALD LAWRENCE 2,843,765
CLINGMAN, PHILLIP FLOYD 2,843,269
COELINGH BENNINK, HERMAN JAN TIJMEN 2,843,951
COFFINDAFFER, TIMOTHY WOODROW 2,843,743
COGNIS IP MANAGEMENT GMBH 2,843,781
COGNIS IP MANAGEMENT GMBH 2,843,817
COHEN, AVI 2,843,702
COHEN, CHARLES-EDOUARD 2,843,469
COHEN, MARK 2,843,889
COLGATE-PALMOLIVE COMPANY 2,843,844
COLIN, ANTOINE OLIVIER FRANCOIS 2,843,581
COLLAR, BRADLEY THOMAS 2,844,078
COLLINSON, SARAH JENNY 2,843,133
COLORADO STATE UNIVERSITY RESEARCH FOUNDATION 2,843,646
CONLEY, BRIAN M. 2,843,768
CONRADT, JONATHAN 2,844,077
CONSIGLIO NAZIONALE DELLE RICERCHE 2,843,669
CONSOLI, FRANK 2,843,889
CONTOUR FABRICATORS, INC. 2,843,647
COOK, JASON EDWARD 2,843,743
COOK, JASON EDWARD 2,843,899
COOLMAN, TIMOTHY J. 2,844,113
COON, CHRISTINA LEE 2,843,508
CORONADO, PETER A. 2,843,512
COSFORD, NICHOLAS D.P. 2,844,091
COSFORD, NICHOLAS D.P. 2,844,119
COSMO OIL CO., LTD. 2,843,115
COSMO OIL CO., LTD. 2,843,842
COSTELLO, MICHAEL SCOTT 2,843,525
COURTNEY, STEPHEN MARTIN 2,844,128
COUTU, KEN 2,843,763
COVEY, CHRIS 2,843,889
COVIDIEN LP 2,843,476
COVIDIEN LP 2,843,617
COVIDIEN LP 2,843,629
COVIDIEN LP 2,844,124
CP KELCO APS 2,843,550
CP KELCO APS 2,843,610
CP KELCO OY 2,843,613
CRANDALL, PHILIP G. 2,843,958
CRANE MERCHANDISING SYSTEMS, INC. 2,843,895
CRANE PAYMENT SOLUTIONS 2,843,770
CRAWFORD, JOHN C. 2,843,844
CROSBY, PETER ANDREW 2,843,767
CROUGHS, THERESE 2,843,495
CROW, STEPHEN L. 2,843,259
CROW, STEPHEN L. 2,843,604
CROWN PACKAGING TECHNOLOGY, INC. 2,843,795
CROWSLEY, DAVID 2,843,501
CRUTTENDEN, NEIL 2,843,550
CSP CONSEIL 2,843,683
CSP TECHNOLOGIES, INC. 2,843,534
CUBIST PHARMACEUTICALS, INC. 2,843,965
CULLY, EDWARD H. 2,843,485
CULLY, EDWARD H. 2,843,489
CULLY, EDWARD H. 2,843,491
CULLY, KEVIN J. 2,843,141
CULLY, KEVIN J. 2,843,142
CUNNINGHAM, STEPHEN L. 2,843,645
CURTIS, CURT BRIAN 2,843,969
CUTRIGHT, WARREN 2,843,489
CUTSFORTH, INC. 2,843,893
CUTSFORTH, INC. 2,843,894
CUTSFORTH, ROBERT S. 2,843,893
CUTSFORTH, ROBERT S. 2,843,894
CVMR CORPORATION 2,843,760
CYTEC TECHNOLOGY CORP. 2,843,659
CYTHERIS 2,843,495
D'ANTUONO, ERNESTO 2,843,801
D.R. BIKE LTD. 2,844,017
DAAKE, SHERYL L. 2,843,916
DAHER, JEAN F. 2,843,596
DAINIPPON SUMITOMO PHARMA CO., LTD. 2,843,836
DAKE, MICHAEL D. 2,843,740
DALGAARD MIKKELSEN, MICHAEL 2,843,606
DAMM, CHRISTOPH 2,843,478
DANA CANADA CORPORATION 2,843,769
DANISCO US INC. 2,844,064
DAOUST, ROBERT 2,843,516
DARLING, RYAN JAMES 2,843,520
DART, ANTHONY 2,843,473
DASBACH, UWE 2,843,651
DASHAMERICA, INC. D/B/A PEARL IZUMI USA, INC. 2,843,823
DATH, JEAN-PIERRE 2,843,793
DAU, THI BACH-PHUONG 2,843,758
DAUSSIN, RORY D. 2,843,518
DAUSSIN, RORY D. 2,843,519
DAVE, KAUSHIK J. 2,843,599
DAVID BROWN WIND UK LIMITED 2,843,829
DAVIES, IONA 2,844,054
DAVIES, JULIAN 2,843,771
DAVIS, ARNOLD A. 2,844,100
DAVIS, S. MARK 2,843,515
DAVIS, SAMUEL 2,844,070
DAVIS, SHERMAN GEORGE 2,843,724
DAVIS, STEPHEN M. 2,843,517
DE AGUIAR PENA, PAULA C. 2,844,128
DE ANDRADE PEREIRA TABARES, SABINA 2,843,606
DE ANGELIS, BRUNO 2,843,553
DE ANGELIS, BRUNO 2,843,827
DE AVILA RIBAS, MORGANA 2,843,509
DE BRUIN, WILHELMUS JOHANNES 2,843,584
DE HAAN, ANDRE BANIER 2,843,696
DE SOUZA, MARK 2,843,896
DEBNATH, KAPIL 2,843,546
DECKER, ROBERT 2,843,904
DECRAENE, KATRIEN 2,843,252
DECRAENE, KATRIEN 2,843,256
DEHDASHTIAN, MARK 2,843,270
DEI, DONATA 2,843,832
DEISHER, THERESA 2,844,109
DELEON, VICTOR J. 2,843,598
DELLA FEMINA, MAURIZIO 2,843,919
DELRAHIM, JOE 2,843,799
DEMATIC GMBH 2,843,688
DEMEESE, JASON 2,844,058
DEMOL, PIERRE 2,843,495
DEMONT, EMMANUEL HUBERT 2,843,537
DENG, HONGBO 2,844,054
DENNISON, KATHLEEN A. 2,843,737
DEPUY SYNTHES PRODUCTS, LLC 2,844,114
DESAI, DARSHAK 2,843,626
DESALLAIS, LUCILLE 2,843,665
DESGORCES, CLAUDE 2,843,683
DESSEIN, ALAIN 2,843,949
DESTINY SOFTWARE PRODUCTIONS INC. 2,843,766
DEVARY, ORLY 2,843,558
DEVPAT, LLC 2,843,722
DEWAR, ALAN BRADLEY 2,843,829
DHAKAD, HARSHOTTAM SINGH 2,843,617
DIAFIR 2,843,536
DIALIGHT CORPORATION 2,843,591
DIBAS, MOHAMMED I. 2,843,245

DICKER, BRIDGET LEE 2,843,837
DICKES, RAYMOND 2,843,954
DICKINSON, CRAIG DUANE 2,843,520
DIERL, MARTIN BERNHARD 2,843,511
DILLON, RENSL 2,843,844
DION, PASCAL 2,842,918
DIXON, GUY ANDREW COTTERILL 2,843,623
DJUROVICH, PETER I. 2,843,891
DOBSON, BARRY 2,843,889
DODGE, ARTHUR B., III 2,843,633
DOMINGUEZ, CELIA 2,844,128
DONALDSON, SUSAN F. 2,843,758
DONDERICI, BURKAY 2,844,107
DOREAU, JULIEN 2,843,745
DORSAM, MATHIAS 2,843,624
DOW AGROSCIENCES LLC 2,843,642
DOYLE, THOMAS F. 2,843,946
DRAPER, MARC-ERIC THOMAS 2,843,755
DREBINGER, KONRAD 2,842,914
DRIVER, DAVID ALBERT 2,843,520
DSM IP ASSETS B.V. 2,843,486
DSM IP ASSETS B.V. 2,843,487
DU, DONGDONG 2,843,420
DUBOIS, JEROME 2,843,846
DUDDING, ASHLEY T. 2,844,094
DUDLEY, SAMUEL 2,843,582
DUFFNER, EBERHARD 2,844,134
DUFFY, JOHN P. 2,844,054
DUGGAN, MICHELE C. 2,844,142
DUMENIL, THIERRY 2,843,849
DUNCAN, JEFFREY B. 2,843,491
DUNGAR, PETER J. 2,843,477
DUQUESNE UNIVERSITY OF THE HOLY SPIRIT 2,843,144
DURANTI, ANDREA 2,843,265
DURST, FRANZ 2,843,492
DYAX CORP. 2,843,960
DYAX CORPORATION 2,843,921
E. I. DU PONT DE NEMOURS AND COMPANY 2,843,915
E. I. DU PONT DE NEMOURS AND COMPANY 2,844,101
EAKER, SCOTT 2,844,045
EASY LIFE SCIENCE 2,843,918
EBAY INC. 2,843,774
EBAY INC. 2,843,826
EBAY INC. 2,844,060
EBAY INC. 2,844,077
EBBESEN, SUNE D. 2,844,137
EBERSOLD, RICHARD L. 2,844,113
ECONOMY POLYMERS & CHEMICALS 2,843,602
ECORE INTERNATIONAL INC. 2,843,633
EDMISTON, PAUL L. 2,843,890
EDMONDSON, SCOTT DOUGLAS 2,843,829
EDWARDS LIFESCIENCES CORPORATION 2,843,270
EDWARDS LIFESCIENCES CORPORATION 2,843,275
EDWARDS, PAUL M. 2,843,515
EKICI, OZGUR 2,843,404
ELBERT, TROY L. 2,844,113
ELECTRIC POWER RESEARCH INSTITUTE, INC. 2,842,945
ELEMENT, RICHARD GERAINT 2,844,099
ELI LILLY AND COMPANY 2,843,474
ELI LILLY AND COMPANY 2,843,514
ELI LILLY AND COMPANY 2,843,520
ELI LILLY AND COMPANY 2,843,771
ELLENBERGER & POENSGEN GMBH 2,843,481
ELOSUA LLANOS, ROBERTO 2,844,103
EMERSON PROCESS MANAGEMENT REGULATOR TECHNOLOGIES, INC. 2,843,916
EMICH, KELLY 2,843,823
ENDOU, TAROU 2,843,123
ENERGIA EUROPA S.P.A. 2,843,801
ERNESTO, SIMON 2,843,606
ESCUTIA, RAUL 2,843,945
ESM ENERGIE- UND SCHWINGUNGSTECHNIK MITSCH GMBH 2,843,624
ESTABROOK, RICHARD 2,843,889
ESTETRA S.P.R.L. 2,843,951
EUROCOPTER 2,843,802
EUROPEAN AERONAUTIC DEFENCE AND SPACE COMPANY EADS FRANCE 2,843,802
EVANS, DAVID J. 2,843,275
EVEREADY BATTERY COMPANY, INC. 2,843,716
EVERS, MARC FRANCOIS THEOPHILE 2,843,252
EVERS, MARC FRANCOIS THEOPHILE 2,843,256
EVOLVA SA 2,843,549
EVOLVA SA 2,843,606
EVONIK DEGUSSA GMBH 2,844,090
EVONIK ROHM GMBH 2,843,484
EXXONMOBIL CHEMICAL PATENTS INC. 2,843,515
EXXONMOBIL CHEMICAL PATENTS INC. 2,843,517
EXXONMOBIL CHEMICAL PATENTS INC. 2,844,120
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,843,929
F. HOFFMANN-LA ROCHE AG 2,843,499
FACCIOLI, GIOVANNI 2,843,830
FALCO, SAVERIO CARL 2,844,101
FANG, HONG 2,843,634
FANG, XINDING 2,844,051
FANTETTI, LIA 2,843,832
FANTO', NICOLA 2,843,211
FARES, FUAD 2,843,672
FARMER, LUC J. 2,844,054
FARNSWORTH, ANDREW 2,843,404
FAWCETT, MICHAEL JOHN 2,843,822
FENG, QIANJUN 2,843,634
FENNIG, KELLY 2,843,482
FERNANDEZ DIAZ-CARRALERO, ANGEL GABRIEL 2,843,682
FERRARA, MARCO 2,843,805
FERRUGHELLI, DAVID T. 2,843,517
FIFIELD, JON LEONARD 2,841,286
FILANNINO, MARIA AZZURRA 2,844,145
FIMA, UDI EYAL 2,843,672
FINKEL, TERRI H. 2,843,643
FIRST AFFILIATED HOSPITAL, THIRD MILITARY MEDICAL UNIVERSITY, CHINESE PEOPLE'S LIBERATION ARMY, P.R. CHINA 2,809,647
FISCHER, REINER 2,843,809
FISHER CONTROLS INTERNATIONAL LLC 2,843,920
FISHER CONTROLS INTERNATIONAL LLC 2,843,970
FISHER CONTROLS INTERNATIONAL LLC 2,844,005
FITZGERALD, LAWRENCE J. 2,843,758
FITZPATRICK, HARVEY JOSEPH, JR. 2,843,603
FLAKE, DARL 2,844,132
FLANDERS, PATRICK S. 2,844,108
FLEXION THERAPEUTICS, INC. 2,843,139
FLITTNER, MICHAEL 2,843,484
FLOW CONTROL LLC. 2,843,910
FMP TECHNOLOGY GMBH FLUID MEASUREMENTS & PROJECTS 2,843,492
FOIDART, JEAN-MICHEL 2,843,951
FOREMAN, ALEXIS STUART 2,843,507
FORESTIERO, AGOSTINO 2,843,669
FORREST, STEPHEN R. 2,843,891
FORTIN, JACQUES-ALEXANDRE 2,843,780
FORTIN, JACQUES-ALEXANDRE 2,843,819
FOURNELL, JOSEPH 2,844,045
FOX, BARBARA S. 2,843,315
FOYIL, MARK 2,844,127
FRANKEN, UWE 2,844,085
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUND DER ANGEWANDTEN FORSCHUNG E.V. 2,843,820
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V 2,843,478
FRED HUTCHINSON CANCER RESEARCH CENTER 2,843,636
FREEMAN, JENNY E. 2,843,806
FREESE, ROBERT P. 2,843,518
FREESE, ROBERT P. 2,843,519
FRENKEN, EGBERT 2,843,914
FREUND, BRUCE 2,844,127

FREYTAG, OLIVIER 2,844,141
FRITO-LAY NORTH AMERICA, INC. 2,843,508
FRITO-LAY NORTH AMERICA, INC. 2,843,511
FU, WEILING 2,809,647
FUGAZZA, LORENZA 2,844,145
FUJITA, HIROSHI 2,843,554
FUJITSU, LIMITED 2,843,630
FUKUDA, SHUICHIRO 2,843,123
FUKUMOTO, SHINJI 2,843,115
FURAR, JOHN M. 2,843,758
GALLARDO, MANUEL ANTONIO RAYMOND 2,843,918
GAO, HUAI 2,844,054
GAO, HUIRONG 2,844,101
GARCIA, MATT 2,843,813
GARCIA, MATT 2,843,816
GARESIO, FLORENCE 2,843,441
GARFIELD, M. ROBERT, III 2,844,024
GARIKIPATI, KIRAN 2,843,617
GARNIER, GILDAS 2,843,685
GARREY, RUSTAM FERDINAND 2,844,058
GARST, MICHAEL E. 2,843,245
GARTEN, SCOTT ALAN 2,843,969
GASPARRI, MASSIMILIANO 2,844,078
GAUDINO, JOHN 2,844,058
GAWALT, ELLEN S. 2,843,144
GAYGADZHIEV, ZAFIR 2,843,268
GAZZARD, LEWIS 2,844,058
GE AVIO S.R.L. 2,843,555
GE AVIO S.R.L. 2,843,808
GE AVIO S.R.L. 2,843,919
GEBHARDT, ANDREAS 2,843,478
GEISSLER, ALEXANDRE 2,843,586
GENDIAG.EXE, S.L. 2,844,103
GENENTECH, INC. 2,843,222
GENENTECH, INC. 2,843,595
GENENTECH, INC. 2,844,058
GENERAL ELECTRIC COMPANY 2,843,143
GENERAL ELECTRIC COMPANY 2,843,969
GENERAL ELECTRIC COMPANY 2,844,002
GENERAL EQUIPMENT AND MANUFACTURING COMPANY, INC., D/B/A TOPWORX, INC. 2,843,903
GENERAL INSTRUMENT CORPORATION 2,843,231
GENG, LINDA 2,843,636
GEORGE MYER COMPANY, INC. 2,843,598
GEORGES, GUY 2,844,141
GEORGIA-PACIFIC CONSUMER PRODUCTS LP 2,843,521
GEORGIA-PACIFIC CONSUMER PRODUCTS LP 2,843,522
GERBER, MANFRED 2,843,763
GERSHONY, YARIV 2,843,559
GESSLER, SIMON 2,843,773
GESSLER, SIMON 2,843,777
GHIDINI, ELEONORA 2,843,782
GHIDORSI, LUIGI 2,843,556
GHOUSE, SYED MOHAMMED 2,844,023
GI GASIFICATION INTERNATIONAL, S.A. 2,843,845
GIANNINI, GIUSEPPE 2,843,211
GIORDANELLI, RAFFAELE 2,843,669
GIOVANNINI, RICCARDO 2,843,805
GIRAUD, JEAN-PIERRE 2,843,534
GIROD, ADELINE 2,843,849
GIROTRA, ROHIT 2,843,147
GIULIANI, FRANCESCO 2,843,832
GIUNTA, SALVATORE 2,843,808
GLASGOW, DANE 2,844,077
GLAXO GROUP LIMITED 2,844,086
GLAXOSMITHKLINE LLC 2,843,502
GLAXOSMITHKLINE LLC 2,843,537
GLENCORE QUEENSLAND LIMITED 2,844,095
GNOSIS SPA 2,843,794
GOETZ, PAUL 2,844,088
GOJO INDUSTRIES, INC. 2,843,811
GOLD, RANDALL EVAN 2,844,014
GOLDFARB, ERIC A. 2,843,145
GOLDSMITH, RICHARD A. 2,843,499
GONCIARZ, MALGORZATA DONATA 2,843,520
GOOGLE INC. 2,843,747
GOOGLE INC. 2,843,882
GOOGLE INC. 2,843,900
GOOGLE INC. 2,844,065
GORDON, MICHAEL 2,844,050
GORE, ANURADHA V. 2,843,267
GORSIC, BONNIE L. 2,843,612
GRABOWSKI, WOITECH 2,844,114
GRAHAM, DAVID WALLICE 2,843,508
GRANDGIRARD, BASTIEN 2,843,413
GRAYSON, JIM 2,844,146
GREAT STUFF, INC. 2,843,907
GREEN MOUNTAIN COFFEE ROASTERS, INC. 2,843,889
GREEN, BRIAN 2,843,472
GREENLAW, CHAD M. 2,843,768
GREER, LESTER 2,843,844
GRIENCHE, GUY 2,843,690
GRIMM, SEBASTIAN 2,843,484
GROSSMAN, WARREN 2,844,102
GROVES, RYAN 2,843,437
GRUBB, SCOTT 2,843,889
GU, FRANK 2,843,513
GU, WENXIN 2,844,054
GU, YUGUI 2,843,965
GUANG ZHOU REDSUN SPECIAL CERAMICS CO., LTD. 2,843,420
GUANGZHOU REDSUN GAS APPLIANCES CO., LTD. 2,843,634
GUARDIAN FOOD TECHNOLOGIES, LLC 2,843,958
GUEIT, NICOLAS MARIE PIERRE 2,843,581
GUIDRY, CHRISTOPHER W. 2,843,259
GUIDRY, CHRISTOPHER W. 2,843,604
GULER, FATIH 2,843,596
GULLA, SHAWN 2,843,889
GUMMEL, MICAH 2,843,580
GUNER, BARIS 2,844,107
GUPTA, ARVIND KUMAR 2,843,617
GUPTA, ARVIND KUMAR 2,843,629
GUSTAV KLAUKE GMBH 2,843,914
GUTIERREZ, GERALD 2,843,482
GUTIN, ALEXANDER 2,844,132
GUTSCHE, BERNHARD 2,843,817
GUZAEV, ANDREI P. 2,843,885
HA, HUNG V. 2,843,145
HAAS, THOMAS 2,844,090
HAGEN, RAINER 2,844,149
HAGGSTROM, JOHANNA 2,843,518
HAIMERL, RUDOLF 2,843,761
HALFORD, BEN 2,843,662
HALKJAER HANSEN, ESBEN 2,843,606
HALKY, TRAVIS 2,843,530
HALL, GREGORY T. 2,843,952
HALL, KATHERINE L. 2,844,062
HALLDORSSON, OLAFUR FREYR 2,843,749
HALLIBURTON ENERGY SERVICES, INC. 2,843,130
HALLIBURTON ENERGY SERVICES, INC. 2,843,269
HALLIBURTON ENERGY SERVICES, INC. 2,843,518
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HALLIBURTON ENERGY SERVICES, INC. 2,844,111
HALPERIN, ODED 2,843,620
HAMDOUCHI, CHAFIQ 2,843,474
HANDA, MASAYOSHI 2,843,678
HANKINS, JERRY J. 2,843,141
HANKINS, KIMBERLY M. 2,844,096
HANSEN, ESBEN HALKJAER 2,843,549
HANSEN, JORGEN 2,843,549
HANSEN, JORGEN 2,843,606
HANSEN, KLAVS RIISHEDE 2,843,549
HANZEN, ANDRIES 2,843,613
HARAMATI, SHARON 2,844,012
HARBERS, GERARD 2,843,734
HARBERS, GERARD 2,843,735
HARDUFF, HAGAI 2,843,702
HARDY, KATHERINE ROWAN 2,843,727
HARIDAS, BALAKRISHNA 2,844,024
HARPER, RONALD D., JR. 2,843,903
HARRELL, SAM 2,842,945
HARRISON, DAVID G. 2,844,150
HARRISON, ROBERT MARK 2,843,494
HARTLEY, KEVIN 2,843,889
HASEGAWA, KOJI 2,843,123
HASLEBACHER, PHILIPP 2,843,815
HATANAKA, MITSUYUKI 2,843,263

HAUGEN, KJETIL 2,843,929
HAUGHEY, JAMES QUINTON STEWART 2,844,022
HAUGHT, JOHN CHRISTIAN 2,843,605
HAUGHT, JOHN CHRISTIAN 2,843,608
HAUGHT, JOHN CHRISTIAN 2,843,615
HAY, RICHARD T. 2,843,130
HAYES, DAVID 2,843,811
HAYES, JOHN W. 2,843,599
HAYWORTH, ROBERT D. 2,843,519
HEBBORN, KEVIN A. 2,843,591
HECHT, GIL 2,843,796
HECHT, GIL 2,844,026
HECIMOVICH, JAMES A. 2,843,948
HEEB, HEIKE 2,843,484
HEGURI, ATSUSHI 2,843,678
HEIGHTON, DAVID 2,843,206
HEIJMAN, GERTJAN 2,843,584
HEIL, MARINTHA L. 2,844,091
HEIL, MARINTHA L. 2,844,119
HELGESON, MATT 2,844,100
HEMBER, MILES WILLIAM NOEL 2,843,889
HEMINGSON, HOWARD BRIAN 2,843,763
HENAULT, DOMINIQUE 2,843,683
HENDRICKSON USA, LLC 2,844,094
HENKEL AG & CO. KGAA 2,843,490
HENKEL AG & CO. KGAA 2,844,085
HENKEL US IP LLC 2,843,626
HENRY, JEROMY W. 2,844,065
HEO, YOUN HYOUNG 2,843,494
HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA 2,843,791
HERBERT, KAY 2,843,596
HERED, WILLIAM A. 2,843,259
HERED, WILLIAM A. 2,843,604
HERR, ANNA Y. 2,844,007
HERR, QUENTIN P. 2,844,007
HERRMANN, CHRISTINE 2,843,745
HERSEL, ULRICH 2,843,503
HERSEL, ULRICH 2,843,504
HERSEL, ULRICH 2,843,875
HERSEL, ULRICH 2,843,881
HERSEL, ULRICH 2,843,883
HERZOG SERVICES, INC. 2,844,113
HESS, MICHEL 2,842,919
HESTER, MARC ALAN 2,843,605
HESTER, MARC ALAN 2,843,608
HESTER, MARC ALAN 2,843,615
HEWITT, JIM 2,843,889
HICKS, PAULA M. 2,843,606
HIERRO DE BENGOA, MARIA PILAR 2,843,682
HIGGINS, EILEEN, A. 2,843,721
HILF, STEFAN 2,843,484
HILGER, CHRISTOPH-STEPHAN 2,843,809
HILL, DOUGLAS 2,844,105
HILL, JOSEPH M., III 2,843,907
HILL, KYLE 2,842,945
HILSHORST, HOWARD W. 2,843,948
HIRATA, TAKUYA 2,843,597
HIRATA, TAKUYA 2,843,703
HOFFMAN, JOHN 2,843,472
HOFMANN, VERENA 2,843,651
HOFMEESTER, GERRIT H. 2,843,607
HOGENKAMP, DERK J. 2,843,436
HOKE, STEVEN HAMILTON, II 2,843,605
HOKE, STEVEN HAMILTON, II 2,843,608
HOKE, STEVEN HAMILTON, II 2,843,615
HOLBROOK, MICHAEL LYLE 2,843,765
HOLTZMAN, KEITH E. 2,843,269
HOLWERDA, TAKO-JAN 2,843,700
HOMMEL, PETER 2,843,198
HONG, JIWON 2,843,837
HOPITAL STE-JUSTINE 2,843,631
HORNSTEIN, ERAN 2,844,012
HOSIAWA, KAROLINA A. 2,844,070
HOSKING, PAUL A. 2,843,799
HOSTETTER, BARRY J. 2,843,762
HOTTA, NOBUYUKI 2,843,676
HOTTA, YASUHIRO 2,843,123
HOU, LAIGUANG 2,843,420
HOUGHTON-LARSEN, JENS 2,843,606
HOURN, MICHAEL MATTHEW 2,844,095
HOWARD, SANDER 2,843,508
HOWITT, ROGER 2,844,146
HU, CHEUNG, PENG 2,843,945
HU, ROSE 2,843,444
HU, YUHONG 2,843,626
HUANG, IRIS 2,843,508
HUBER, PETER 2,843,770
HUDSON, KEITH 2,843,837
HUDSON, PETER MICHAEL BRUCE 2,843,680
HUEBNER, CHAD ARTHUR 2,843,511
HUGHEY, RICHARD 2,843,133
HUOT CARLSON, JENNIFER CAITLIN 2,843,889
HUSKAMP, CHRISTOPHER S. 2,843,612
HUXFORD, CATHERINE MARIA 2,841,286
HUYGHE, JEAN-MARC 2,843,483
HWANG, CHENG S. 2,844,142
HYATT, BOBBY 2,843,602
HYDRA BIOSCIENCES, INC. 2,843,965
IBANEZ GARCIA, CATHERINE DOROTHEE JOSETTE 2,843,581
IBERT, MATHIAS 2,843,687
IBRAHIM, ASHRAF SAMIR 2,843,752
IDEMITSU KOSAN CO., LTD. 2,843,554
IDO, TAKAYOSHI 2,844,033
IGARASHI, SHINJI 2,843,835
IKEA INDUSTRY AB 2,843,500
ILIOPOULOS, ATHANASIOS 2,843,892
ILLINOIS TOOL WORKS INC. 2,843,952
ILYINSKII, PETR 2,843,274
IMERYS MINERALS LIMITED 2,843,824
INDO, KENTARO 2,843,243
INGA, JUAN R. 2,843,845
INNOVACI INC. 2,844,050
INPEX CORPORATION 2,843,115
INPEX CORPORATION 2,843,842
INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) 2,843,949
INTEL CORPORATION 2,843,594
INTELLISYSGROUP LLC 2,843,813
INTELLISYSGROUP LLC 2,843,816
INTENT IQ, LLC 2,843,831
INTUITY MEDICAL, INC. 2,843,945
IREDI, ACHIM 2,843,500
IRVING, BRYAN 2,843,595
IRWIN, CRAIG W. 2,843,485
IRWIN, JAMES P. 2,843,512
ISCAR LTD. 2,843,796
ISCAR LTD. 2,844,026
ISHIKAWA, HIROYA 2,843,676
ISLAM, MUHAMMAD KHALEDUL 2,843,404
ISSACHAR LIMITED 2,841,286
ISSLER, ORNA 2,844,012
ITAMI, ATSUSHI 2,843,588
IZUMI, YUKARI 2,844,047
JACKSON, THOMAS BATES 2,843,889
JADHAV, AJAY 2,843,886
JAKOBSEN, KJETILL S. 2,843,618
JAMMULAPATI, SRIKANTH 2,844,132
JANISH, BRYAN 2,843,270
JANSEN, PETER PAUL 2,843,696
JAPAN OIL, GAS AND METALS NATIONAL CORPORATION 2,843,115
JAPAN OIL, GAS AND METALS NATIONAL CORPORATION 2,843,842
JAPAN PETROLEUM EXPLORATION CO., LTD. 2,843,115
JAPAN PETROLEUM EXPLORATION CO., LTD. 2,843,842
JAYASINGHE, SHAKEELA NATHALIA 2,843,837
JEFFRIES, STUART MAXWELL 2,843,269
JEON, YESU 2,844,144
JERNKONTORET 2,844,044
JERNKONTORET 2,844,047
JIANG, MING-CHUNG 2,844,126
JIMENEZ, TEODORO S. 2,843,270
JLG INDUSTRIES, INC. 2,843,472
JOHN CRANE INC. 2,843,799
JOHNSON & JOHNSON VISION CARE, INC. 2,843,727
JOHNSON, AMANDA 2,844,060
JOHNSON, BENJAMIN A. 2,843,512
JOHNSON, ERIK J. 2,843,266
JOHNSON, PETER 2,844,128
JOHNSON, PHILIP L. 2,843,707
JONES, CHRISTOPHER CLARKSON 2,843,493
JONES, CHRISTOPHER M. 2,843,518
JONES, CHRISTOPHER M. 2,843,519
JONES, CHRISTOPHER STEPHEN 2,843,249
JONES, CHRISTOPHER STEPHEN 2,843,252

JONES, CHRISTOPHER STEPHEN 2,843,256
JONES, JONAH 2,843,900
JONES, KATHERINE LOUISE 2,843,537
JONES, NEIL JOHN 2,843,742
JONES, ROBERT S. 2,844,097
JONES, ROSS 2,843,889
JORISSEN, KOEN 2,843,776
JOSEPH, STEPHEN C.P. 2,843,266
JOUBERT, EMMANUEL 2,843,802
JOYAL, JOHN L. 2,844,151
JUDGE, JAMES M. 2,844,050
JUDGE, KEVIN 2,843,648
JUNG, RUDOLF 2,843,931
JX NIPPON OIL & ENERGY CORPORATION 2,843,115
JX NIPPON OIL & ENERGY CORPORATION 2,843,842
KABUSHIKI KAISHA POWREX 2,843,123
KADAUKE, STEPHAN 2,843,643
KADEREIT, DIETER 2,843,773
KADEREIT, DIETER 2,843,777
KAIBARA, KAZUHIKO 2,843,597
KAIBARA, KAZUHIKO 2,843,703
KALAISELVAN, RAMARAJU 2,844,008
KAMADA, HITOSHI 2,843,123
KAMIJO, TAKASHI 2,843,597
KAMIJO, TAKASHI 2,843,703
KAMPPINEN, ANSSI KALEVI 2,843,613
KANNIAINEN, MARKO JUHANI 2,843,613
KAPADIA, SALMAN 2,843,629
KAPUR, NAVIN K. 2,843,535
KARALIS, ARISTEIDIS 2,844,062
KARAS, RICHARD H. 2,843,535
KARCZ, ANITA 2,843,806
KARLSRUHER INSTITUT FUR TECHNOLOGIE 2,843,415
KARPEISKY, ALEXANDER 2,843,885
KATO, SHINTARO 2,843,756
KATO, YUZURU 2,843,842
KATRE, NIKHIL R. 2,843,617
KATRE, NIKHIL R. 2,843,629
KAUS, ROBERT J. 2,844,058
KAWASE, MASAKI 2,843,570
KAWASE, MASAKI 2,843,689
KEENEY, TRACY R. 2,843,507
KEIL, OLIVER 2,843,881
KEIL, OLIVER 2,843,883
KELLMANN, RALF 2,843,618
KELLY, CASEY PATRICK 2,843,897
KELNBERGER, ALFONS 2,843,481
KENNEDY, JOSEPH M. 2,844,054
KERENDIAN, HORMOZ 2,844,094
KERNICK, EDWARD R. 2,843,727
KESLER, MORRIS P. 2,844,062
KEULEERS, ROBBY RENILDE FRANCOIS 2,843,249
KEULEERS, ROBBY RENILDE FRANCOIS 2,843,256
KEULEERS, ROBBY RENILDE FRANCOISE 2,843,252
KHOO, WEE KEONG 2,843,803
KHOO, WEE KEONG 2,843,807
KHOO, WEE KEONG 2,843,810
KHOZAN, KAMRAN 2,843,760
KIEKERT AKTIENGESELLSCHAFT 2,844,129
KILBY, CHARLES FRAZER 2,843,889
KIM, CHOLL 2,843,767
KIM, JINPIL 2,843,583
KIM, KYUNGHO 2,843,583
KIM, SANGHYUN 2,843,583
KIMBALL, SPENCER DAVID 2,843,965
KINDER, LEE 2,843,769
KING SOLOMON CREATIVE ENTERPRISES CORP. 2,844,100
KING, ROBERT W. 2,843,910
KINOSHITA, NAOTOSHI 2,843,123
KINTZ, SAMUEL 2,844,058
KINZELMANN, HANS-GEORG 2,844,085
KIOR, INC. 2,843,971
KIZEWSKI, INGRID 2,843,484
KLABA, MIROSLAW 2,843,496
KLEIN, ALEXANDER 2,843,484
KLEINER, RALPH E. 2,843,853
KLEO, CHRISTOPHE 2,843,411
KLEO, CHRISTOPHE 2,843,413
KLYMYSHYN, DAVID 2,843,415
KNEISL, PHILIP 2,843,954
KOBAYASHI, KIYOSHI 2,843,833
KOBAYASHI, SHINICHI 2,844,030
KOBAYASHI, SHINICHI 2,844,034
KOBAYASHI, SHINICHI 2,844,038
KOBAYASHI, SHINICHI 2,844,040
KOBAYASHI, SHINICHI 2,844,042
KOGIOUMTZIS, CHRISTOS 2,843,551
KOHLSTRUNG, RAINER 2,843,490
KOKONES, SCOTT 2,844,072
KOMATSU, DAISUKE 2,843,676
KONINKLIJKE DOUWE EGBERTS B.V. 2,843,584
KOO, CHANGHOI 2,843,204
KORONA S.A. 2,844,043
KORONA SA 2,844,039
KOTALA, ROMAN 2,844,039
KRAEMER, STEPHAN 2,843,507
KRAFT FOODS GROUP BRANDS LLC 2,844,112
KRAFT, KJELD 2,843,817
KRAIBUHLER, HERBERT 2,844,134
KRASNE, DAVID 2,844,024
KRAUER, JURG 2,843,635
KRAUSNICK, DALE A. 2,844,088
KRAUSS, THOMAS FRASER 2,843,546
KRAVITZ, HOWARD S. 2,843,762
KRAYNYAK, KIMBERLY A. 2,843,854
KROM, DORON 2,843,702
KROUTIL, WOLFGANG 2,844,090
KRULL, JEFF 2,843,596
KRUPPA, THOMAS 2,843,817
KUBOTA, KATSUMI 2,843,836
KUCH, FABIAN 2,843,820
KUEHNLE, HOLGER 2,843,607
KUMAR, ANIL K. N. 2,843,509
KUMAR, ANJALI 2,843,139
KUMAR, KALYAN K. 2,843,549
KUMAR, SATHISH 2,843,549
KUMAR-SINGH, RAJENDRA 2,843,684
KUMAZAWA, KATSUTOSHI 2,843,834
KUNKLER, JEFFERY SCOTT 2,844,088
KUNTZ, ACHIM 2,843,820
KVT-KOENIG AG 2,843,635
KWAN, HUI HIU 2,844,088
KWIECIEN, MICHAEL JOSEPH 2,843,743
KYSER, DALE ANTHONY 2,844,112
LABARRE, DOMINIQUE 2,843,884
LABORATORIO CHIMICO INTERNAZIONALE S.P.A. 2,843,553
LABORATORIO CHIMICO INTERNAZIONALE S.P.A. 2,843,827
LAFARGE 2,842,918
LAGANIS, EDWARD J. 2,844,050
LALLEMENT, SEBASTIEN 2,843,772
LALLI, MICHAEL 2,843,806
LAM, SIVETTE 2,843,146
LAMB, BRIAN 2,843,271
LAMBERT, ROBERT JOHN 2,843,271
LAMMERS, KAREN MARIE 2,843,743
LAMOUREUX, LAURENT 2,843,411
LANCON, FRANCK 2,843,828
LANDMARK GRAPHICS CORPORATION 2,843,127
LANGLOIS, BRUNO 2,843,884
LARDELLI, SILVIO 2,842,919
LARKIN, JOHN F. 2,843,945
LARSEN, COBY 2,843,489
LARZUL, DAVID 2,843,541
LARZUL, DAVID 2,843,543
LASANTA CARRASCO, MARIA ISABEL 2,843,682
LASSNER, MICHAEL W. 2,844,101
LATINO, MASSIMO 2,843,556
LAUREL BIOCOMPOSITE, LLC 2,843,957
LE-MERCIER, THIERRY 2,843,542
LEBED, EVGENIY 2,844,087
LEDEBOER, MARK W. 2,844,054
LEDFORD, BRIAN 2,844,054
LEDGARD, ANDREW JAMES 2,843,514
LEE, ANTHONY C. 2,843,476
LEE, ERIC 2,843,724
LEE, JEANNIE T. 2,844,144
LEE, JEFFREY A. 2,843,521
LEE, JEFFREY A. 2,843,522
LEE, JOONHUI 2,843,583
LEE, KENNETH F. 2,844,100
LEE, SE-LIN 2,844,052
LEE, SHOUYAN 2,843,967
LEE, WALTER 2,843,270
LEFEVRE, PASCAL 2,843,411
LEFORT, GUILLAUME 2,843,828
LEGUY, CYRIL 2,843,846
LENAHAN, MICHAEL 2,844,060
LENTILLES 2,843,695
LEON, JEAN-FRANCOIS 2,843,786
LEONARD, CHANTAL M. 2,843,607
LEONARD, DAVID 2,844,024
LEONHARDT, BERND 2,843,389
LERCHNER, ALEXANDRA 2,844,090
LESHUK, TIMOTHY MICHAEL CARTER 2,843,513
LESSMANN, TORBEN 2,843,883

LEUNG, GILBERT S. 2,843,270
LG ELECTRONICS INC. 2,843,583
LI, HANGAO 2,843,634
LI, JUN 2,843,204
LI, KONSTANTIN 2,843,770
LI, QINGYI 2,843,965
LI, ZHONGSEN 2,844,101
LIEBE, JORG 2,843,198
LIFT2SELL, LLC 2,843,135
LIKITLERSUANG, SUKHON 2,843,267
LIMBERG, BRIAN JOSEPH 2,843,743
LIN, JENNIFER W. 2,843,882
LIN, LI-HENG 2,843,772
LINDAHL, GREGORY D. 2,843,948
LINGAPPA, VISHWANATH R. 2,843,905
LINGARD, IAIN 2,843,805
LINLEY, STUART 2,843,513
LIPPA, BLAISE S. 2,843,965
LIPPMAN, HUGH 2,843,268
LIU, DAVID R. 2,843,853
LIU, LING 2,843,771
LIU, NINGSHU 2,843,809
LIU, YANCHUN 2,843,420
LIU, YANCHUN 2,843,634
LIU, YONG 2,843,967
LIU, ZHAN-BIN 2,844,101
LO, CHARLES NUNG 2,843,592
LO, HOK MAN HERMAN 2,843,772
LODGE, DOMINIC 2,843,509
LOFARMA S.P.A. 2,843,804
LOHR, CHRISTOPH 2,844,085
LOMBINO, DINO 2,843,440
LONG, LI JIN 2,844,088
LOPEZ DE CARDENAS, JORGE E. 2,843,954
LOPEZ, JORGE LOUIS 2,843,525
LORRAINE, TRENT C. 2,843,141
LOTUS TISSUE REPAIR INC. 2,843,896
LOVEKAMP, JOSHUA J. 2,843,740
LOVELESS, DAVID M. 2,843,518
LOW, ROBERT ELLIOTT 2,843,956
LU, GENLIANG 2,844,151
LU, JIRONG 2,843,771
LUBER, KAYLAN M. 2,843,491
LUDWIG, (NEE AHERN) REBECCA ELIZABETH 2,843,512
LUFTHANSA SYSTEMS AG 2,843,198
LUNOS LUFTUNGSTECHNIK GMBH FUR RAUMLUFTSYSTEME 2,843,784
LUO, HONG 2,843,735
LYNCH, ROBERT C. 2,842,945
LYON, KEITH R. 2,843,639
LYON, KEITH R. 2,843,641
LYON, KEITH R. 2,843,737
LYVERSE, MARK 2,843,646
LYZNIK, LESZEK A. 2,844,101
M.I.S. ELECTRONICS INC. 2,844,003
MACDONALD, LYNN 2,844,070
MAECKER, HEATHER 2,843,595
MAGNA INTERNATIONAL INC. 2,844,118
MAIANTI, JUAN PABLO 2,843,853
MAINSTAY MEDICAL LIMITED 2,843,767
MAITRO, GUILLAUME 2,843,503
MAITRO, GUILLAUME 2,843,875
MAITRO, GUILLAUME 2,843,883
MAJOR, J. MARK 2,842,945
MAKIAHO, JUUSO 2,843,500
MALONEY, MICHAEL 2,843,732
MALTAIS, FRANCOIS 2,844,054
MANREX PTY. LTD. 2,843,746
MARATH, AJITHA 2,843,460
MARIANI, MAURIZIO FRANCO 2,844,145
MARKIEWICZ, JAN-KRISTIAN 2,843,607
MARMET, PHILIP 2,843,815
MARRUGAT DE LA IGLESIA, JAUME 2,844,103
MARTIN, CHRISTOPHER E. 2,843,908
MARTIN, DAVID 2,844,105
MARTINEZ, NICOLAS ALEJANDRO 2,843,889
MARUYAMA, NAOKI 2,843,588
MASKATIA, IMRAN 2,843,589
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,843,950
MASSON, RICHARD 2,843,685
MASTERS, STEVEN J. 2,843,489
MASTROIANNI, CARLO 2,843,669
MATARIN, DIDIER 2,843,579
MATERIALS MODIFICATION, INC. 2,843,739
MATHON, RICHARD 2,843,580
MATSUI, NAOTO 2,843,676
MATSUNOBU, TORU 2,843,560
MATTIA, LOUIS F. 2,844,094
MATUSEWICZ, ROBERT 2,844,098
MAUER, GEORGE W., III 2,843,758
MAX-PLANCK-GESELLSCHAFT ZUR FOERDERUNG DER WISSENSCHAFTEN E.V. 2,843,908
MAY, LESLIE 2,843,971
MAYER-STEFFENS, KLAUS 2,843,770
MAZICH, DESIREE 2,843,721
MAZZAFERRO, ROCCO 2,843,805
MBC PHARMA, INC. 2,843,885
MCFALLS, JOHN 2,843,633
MCGINNIS, ROBERT 2,843,754
MCGONIGLE, SCOTT 2,843,616
MCGONIGLE, SCOTT 2,843,656
MCGOVERN, STEPHEN J. 2,843,971
MCGOWAN, KENNETH A. 2,843,144
MCKINNEY, ANTHONY ALEXANDER 2,843,847
MCMILLEN, MARK W. 2,843,848
MCNICHOLAS, THOMAS P. 2,843,950
MCWIRTER, JOHN 2,844,070
MEADE, THOMAS 2,843,642
MECKLER, PETER 2,843,481
MEDTRONIC ADVANCED ENERGY LLC 2,843,768
MEEHL, MICHAEL 2,843,640
MEHTA, KURANG JVALANT 2,843,525
MEISSNER, MICHAEL 2,843,468
MELCHER, RYAN 2,843,774
MELLON MEDICAL B.V. 2,843,700
MERCK SHARP & DOHME CORP. 2,843,640
MEREAUX, BERYL CASSANDRE ANNE 2,843,686
MERSCHER, MICHAEL 2,843,784
MESSIER-BUGATTI-DOWTY 2,843,685
METCALF, CHESTER A., III 2,843,965
METROPOLIS, JEFFREY P. 2,844,100
MEXICHEM AMANCO HOLDING S.A. DE C.V. 2,843,956
MICA, ANDREA 2,843,206
MICANOVIC, RADMILA 2,843,520
MICHOPOULOS, JOHN G. 2,843,892
MICROSOFT CORPORATION 2,843,607
MIDWEST INNOVATIVE PRODUCTS, LLC 2,844,133
MILLER, JAMES LEWELLYN 2,843,505
MILLER, JOHN F. 2,844,086
MILLER, JOSEPH H. 2,843,521
MILLER, MICHAEL C. 2,844,064
MILLERO, EDWARD R., JR. 2,843,758
MILLETARI, SALVATORE 2,843,808
MILLMAN, MAURICE STUART 2,843,798
MILZ, BRYAN D. 2,843,745
MINAMIDA, YOSHITAKA 2,844,030
MINAMIDA, YOSHITAKA 2,844,037
MINAMIDA, YOSHITAKA 2,844,040
MINAMIDA, YOSHITAKA 2,844,042
MINOUX, DELPHINE 2,843,793
MIQUEL, JOSEPH 2,843,846
MIRACLE, GREGORY SCOT 2,843,897
MIRAGLIA, NICCOLO 2,843,794
MISENER, AARON 2,843,135
MISRA, KIRAN 2,842,804
MISTRELLO, GIOVANNI 2,843,804
MITCHELL, BEN 2,844,060
MITCHELL, ROBERT FRANKLIN 2,843,127
MITCHELL, WILLIAM 2,844,128
MITSCH, FRANZ 2,843,624
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,843,597
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,843,703
MJN U.S. HOLDINGS LLC 2,843,268
MO, XIAOXIONG 2,843,596
MODEC, INC. 2,843,570
MODEC, INC. 2,843,689
MOESSNER, EKKEHARD 2,844,141
MOFFITT, MICHAEL A. 2,844,075
MOFFITT, MICHAEL A. 2,844,079
MOGENSEN, MOGENS BJERG 2,844,137
MOHMEDI, SAEID 2,844,003
MOHNICKE, MANDY 2,843,773
MOHNICKE, MANDY 2,843,777
MOHR, PETER J. 2,844,058
MOIREAU, PATRICK 2,843,441
MOLECULAR INSIGHT PHARMACEUTICALS 2,844,151
MOLTENI THERAPEUTICS S.R.L. 2,843,832

MONNING, URSULA 2,843,809
MONRO, STUART ALEXANDER 2,843,795
MONTES, MATTHIEU 2,843,665
MONTGOMERY, WILLIAM D. 2,843,491
MONTOYA, ARMANDO 2,844,045
MOON, KYOUNGSOO 2,843,583
MOORE, JAMES 2,843,250
MOORE, PHILIP 2,843,250
MOR, MARCO 2,843,265
MORALES-ALVAREZ, JORGE C. 2,843,508
MORAN, MARK 2,843,139
MOREAU, ALAIN 2,843,631
MORELLO, CHRISTOPHER S. 2,843,854
MORENO, DAVID A. 2,844,058
MORENO-SANZ, GUILLERMO 2,843,265
MORITA, KENTAROU 2,843,842
MORRE, MICHEL 2,843,495
MORRISON, NEIL ARGO 2,843,613
MOTTRAM, NIAL ALLAN 2,843,889
MUELLER, GERALD E. 2,843,947
MUHLEN SOHN GMBH & CO. KG 2,843,911
MUHLEN, PETRA 2,843,911
MUJA, MARIUS CONSTANTIN 2,843,680
MUKHOPADHYAY, KAUSIK 2,843,739
MULLER-MESKAMP, SASKIA 2,843,817
MUNDIGL, OLAF 2,844,141
MUNI, KETAN P. 2,843,145
MUNI, KETAN P. 2,843,146
MUNICCHI, MOIRA 2,843,832
MUNOZ, IGNACIO 2,844,128
MURATA, ATSUSHI 2,843,115
MURCH, BRUCE PRENTISS 2,843,897
MURPHY, ANDREW J. 2,844,070
MURRAY, SHAUNA ANN 2,843,618
MUSIC MASTERMIND, INC. 2,843,437
MUTTER, THORSTEN 2,843,651
MYNAMPATI, VAMSI 2,843,437
MYRIAD GENETICS, INC. 2,844,132
NABIELEC, JERZY 2,843,953
NAESBY, MICHAEL 2,843,606
NAGAKURA, YASUNORI 2,843,843
NAGAYASU, HIROMITSU 2,843,597
NAGAYASU, HIROMITSU 2,843,703
NAGEL, NORBERT 2,843,773
NAGEL, NORBERT 2,843,777
NAIK, NAGARAJU 2,843,592
NAKAMURA, TAKUJU 2,843,570
NAKAMURA, TAKUJU 2,843,689
NAKAMURA, TOMOAKI 2,843,836
NANOPACK, INC. 2,843,762
NANORX, INC. 2,844,073
NARAYANAN, BHARADWAJ 2,843,508
NARDI, ANTONIO 2,843,553
NARVA, KENNETH 2,843,642
NASH, RONALD LEE 2,843,141
NAUMANN, MICHAEL 2,843,481
NAVARRO, RALPH 2,843,227
NEERVANNAN, SESHA 2,843,267
NEGI, SMITA 2,843,582
NEILAN, BRETT A. 2,843,618
NELLCOR PURITAN BENNETT IRELAND 2,843,616
NELLCOR PURITAN BENNETT IRELAND 2,843,656
NESTEC S.A. 2,842,919
NESTEC S.A. 2,842,936
NESTEC S.A. 2,843,141
NESTEC S.A. 2,843,142
NESTEC S.A. 2,843,541
NESTEC S.A. 2,843,543
NESTERENKO, NIKOLAI 2,843,793
NETWORKED INFRASTRUCTURE NATIONAL ARCHITECTURE PTY LTD 2,843,623
NEUROVANCE, INC. 2,843,847
NEWBOLT, CHRISTOPHER L. 2,843,512
NEWSOUTH INNOVATIONS PTY LIMITED 2,843,618
NGK SPARK PLUG CO., LTD. 2,843,676
NGUYEN, TRAM 2,843,270
NICOLINI, DEREK 2,843,133
NIELSEN, JOHN A. 2,843,639
NIELSEN, JOHN A. 2,843,641
NIELSEN, JOHN A. 2,843,737
NIELSEN, STEVEN 2,843,530
NIHON TOKUSHU TORYO CO., LTD. 2,843,569
NILSON, MICHAEL D. 2,843,740
NING, YUHONG 2,843,887
NIPPON STEEL & SUMIKIN ENGINEERING CO., LTD. 2,843,115
NIPPON STEEL & SUMIKIN ENGINEERING CO., LTD. 2,843,842
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,843,588
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,843,593
NIPPON TELEGRAPH AND TELEPHONE CORPORATION 2,843,833
NISHI, TAKAHIRO 2,843,560
NISTRI, DANIELE 2,843,832
NIVET, PHILIPPE 2,843,579
NIXON, ANDREW E. 2,843,921
NIXON, ANDREW E. 2,843,960
NOBER, PETER 2,843,651
NOBLE, SHAWN D. 2,844,094
NOONER, BRYAN 2,844,133
NORBROOK LABORATORIES LIMITED 2,844,022
NORTH, RAYMOND 2,843,272
NORTHROP GRUMMAN SYSTEMS CORPORATION 2,844,007
NOVAK, THOMAS J. 2,843,889
NOVUS INTERNATIONAL INC. 2,843,611
NSS ENTERPRISES, INC. 2,844,088
NUMATA, MITSUHIRO 2,843,593
O'NEIL, CONLIN 2,843,274
O'NEILL, DENNIS 2,843,915
O'NEILL, GRAHAM 2,843,824
O'PREY, CORMAC 2,843,889
O'RISKY, LINDA 2,843,268
OASYS WATER, INC. 2,843,754
OBATA, AKIHIKO 2,843,843
OCHIAI, MISA 2,843,552
OCHS, JAMES 2,843,616
OCV INTELLECTUAL CAPITAL, LLC 2,843,440
OCV INTELLECTUAL CAPITAL, LLC 2,843,441
OILES CORPORATION 2,843,834
OISHI, TSUYOSHI 2,843,597
OISHI, TSUYOSHI 2,843,703
OKANO, FUMIYOSHI 2,844,030
OKANO, FUMIYOSHI 2,844,033
OKANO, FUMIYOSHI 2,844,034
OKANO, FUMIYOSHI 2,844,037
OKANO, FUMIYOSHI 2,844,038
OKANO, FUMIYOSHI 2,844,040
OKANO, FUMIYOSHI 2,844,042
OKAZAKI, SHINOBU 2,843,676
OLD, DAVID W. 2,843,273
OLDCASTLE BUILDING PRODUCTS CANADA INC. 2,843,516
OLDENBURG GROUP INCORPORATED 2,844,104
OLIVE X-PRESS LTD 2,843,559
OLIVEIRA, IGOR CUNHA 2,843,915
OLLIVIER, DIDIER 2,843,846
OMEGA WELL MONITORING LIMITED 2,843,505
OMNYX, LLC 2,843,468
OMURA, TOMOHIKO 2,843,593
ONODA, YUICHI 2,843,678
OPEN ENERGI LIMITED 2,843,825
OPENHYDRO IP LIMITED 2,843,803
OPENHYDRO IP LIMITED 2,843,807
OPENHYDRO IP LIMITED 2,843,810
OPENHYDRO IP LIMITED 2,843,814
ORDOVAS MUNOZ, JOSE MARIA 2,844,103
ORIARAN, T. PHILIPS 2,843,521
ORR, RUSSEL J. S. 2,843,618
ORTENZI, GIOVANNI 2,843,556
ORTWINE, DANIEL FRED 2,843,499
OSSENMACHER, JASON J. 2,843,813
OSSENMACHER, JASON J. 2,843,816
OSSUR HF 2,843,749
OSTERGAARD, TANGE THOMAS 2,843,606
OSTROFF, RACHEL M. 2,843,756
OSTROVER, LEWIS S. 2,844,078
OSTROWSKI, PHILLIP 2,844,100
OTOY, INC. 2,843,479
OTTS, DANIEL B. 2,843,727
OUTOTEC OYJ 2,844,098
OVH SAS 2,843,496
OYMAN, OZGUR 2,843,594
OZOMAX INC. 2,844,122
OZTURK, BULENT 2,843,508
P2 SOLUTIONS 2,843,540
PABALAN, RUELA TALINGTING 2,843,884
PACKARD, ROSS 2,843,889
PAGANO, NICHOLAS 2,844,119
PALCHESKO, RACHELLE 2,843,144

PALLO, NATHAN ANDREW 2,844,062
PAN, XIAOYUN 2,843,493
PANASONIC CORPORATION 2,843,560
PANASYUK, ALEXANDER 2,843,806
PANCHAPAGESA, MURALI 2,843,549
PANDHER, RANJIT 2,843,509
PAPUZZO, GIUSEPPE 2,843,669
PARDAL, XIAOLIN 2,842,918
PARIKH, DIPESH 2,844,025
PARIMOO, SATISH 2,844,142
PARKE, ANDREW 2,844,002
PARKOO, KOUDJO DODZI SELOM 2,843,741
PARSONS, CLIFFORD S. 2,843,647
PASOL, LAURENTIU 2,843,483
PASTOR, RICHARD 2,843,499
PATEL, NIRAL M. 2,843,891
PATTAN, NEHA 2,843,882
PAULEE CLEANTEC LTD. 2,843,620
PAZOS, CARLOS M. D. 2,843,592
PEAT, ANDREW JAMES 2,844,086
PECEN, MARK 2,843,538
PECEN, MARK 2,843,539
PECH, MARIE-HELENE 2,843,149
PEERS, ROBERT PETER 2,843,527
PEERS, ROBERT PETER 2,843,637
PEERS, ROBERT PETER 2,843,644
PEI, ZHONGHUA 2,843,499
PEKARI, CHRISTOPH 2,838,914
PELLETIER, MICHAEL T. 2,843,518
PELLETIER, MICHAEL T. 2,843,519
PELLETIER, MICHEL 2,843,540
PEM MANAGEMENT, INC. 2,843,732
PENNINO, LORENZO 2,843,789
PEPTINOV SAS 2,843,665
PERDOMO, JORGE 2,843,272
PERES, CAROLINE M. 2,844,064
PEREZ TRUJILLO, FRANCISCO JAVIER 2,843,682
PERIYALWAR, SHALINI SURESH 2,843,538
PERIYALWAR, SHALINI SURESH 2,843,539
PEROLA, EMANUELE 2,844,054
PETERSEN, KIM VIBE 2,843,759
PETERSON, DAVID J. 2,844,101
PETERSON, PETER 2,843,889
PETIT, LUDIVINE 2,843,951
PETTERSSON, KNUT 2,843,921
PETTERSSON, KNUT 2,843,960
PETTIGREW, CHARLES ALLEN, JR. 2,843,897
PFEFFER, JAN CHRISTOPH 2,844,090
PFISCHNER, ROB 2,844,088
PHELIPPEAU, ANTOINE 2,843,580
PHILLIPS, ANDREW JOHN 2,842,945
PHIPPS, JONATHAN 2,843,824
PICKENS, NATHAN 2,843,471
PICTOMETRY INTERNATIONAL CORP. 2,843,944
PINNA, RAFFAELE 2,843,249
PINNA, RAFFAELE 2,843,252
PINNA, RAFFAELE 2,843,256
PIOMELLI, DANIELE 2,843,265
PIONEER HI-BRED INTERNATIONAL, INC. 2,843,915
PIONEER HI-BRED INTERNATIONAL, INC. 2,843,931
PIONEER HI-BRED INTERNATIONAL, INC. 2,844,101
PISANO, CLAUDIO 2,843,211
PITTAPPILLY, THERESA B. 2,843,607
PLAYINNOVATION LIMITED 2,843,498
PLETTENBURG, OLIVER 2,843,773
PLETTENBURG, OLIVER 2,843,777
PLUMMER, CRYSTAL 2,843,545
PLUMMER, DAVID O. 2,844,096
PLUMMER, NORMAN 2,843,545
PODANY, VACLAV O. 2,843,768
POLINGO, JACOB R. 2,843,947
POSADA, LUCIANO 2,843,516
POTTER, MARKUS 2,844,090
PPG INDUSTRIES OHIO, INC. 2,843,758
PPG INDUSTRIES OHIO, INC. 2,843,848
PRATHER, RANDALL MAURICE 2,843,969
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,843,853
PRESSET, ALAIN 2,843,795
PRESTON, JANET 2,843,824
PRIME, MICHAEL 2,844,128
PRLIC, TOMISLAV 2,844,029
PROGRESSIVE COMPONENTS INTERNATIONAL CORPORATION 2,843,779
PROLACTA BIOSCIENCE, INC. 2,844,045
PROLOR BIOTECH LTD. 2,843,672
PROSETTA ANTIVIRAL, INC. 2,843,905
PROSONIX LIMITED 2,844,025
PSYCHNOSTICS, LLC 2,843,775
PUGH, RANDALL BRAXTON 2,843,727
PUJARA, CHETAN P. 2,843,267
PULYASSARY, RAVINDRAN 2,843,460
PURAC BIOCHEM B.V. 2,843,696
PYLON MANUFACTURING CORP. 2,843,527
PYLON MANUFACTURING CORP. 2,843,637
PYLON MANUFACTURING CORP. 2,843,644
PYROTEK, INC. 2,844,146
QUALCOMM INCORPORATED 2,843,592
QUALCOMM INCORPORATED 2,843,946
QUESENBERRY, MICHAEL S. 2,843,315
QUINTERO-FUENTES, XIMENA 2,843,508
RADER, TIMOTHY ALBERT 2,843,272
RAFECAS, JANE LLORENC 2,843,553
RAGHAVAN, PALAYAKOTAI R. 2,844,073
RAGHAVAN, SHRIRAM 2,843,549
RAGNARSSON, KARL 2,844,112
RAHN, JENNIFER 2,843,470
RAMACHANDRAN, ANITA 2,843,231
RAMIREZ CORREDORES, MARIA MAGDALENA 2,843,971
RAMIREZ, ALBERTO J. 2,843,521
RAMO, KASMIR 2,843,684
RAMTEKKAR, PRAVIR 2,843,826
RANADE, SHRIRANG V. 2,843,146
RANBAXY LABORATORIES LIMITED 2,844,008
RANGAN, KRISHNASWAMY K. 2,843,739
RAO, V.N. MOHAN 2,843,508
RASHIDIAN, ATABAK 2,843,415
RASSOOL, REZA 2,843,437
RAU, HARALD 2,843,503
RAU, HARALD 2,843,506
RAU, HARALD 2,843,875
RAU, HARALD 2,843,881
RAU, HARALD 2,843,883
RAWAT, PRASHANT BRIJMOHANSINGH 2,843,767
RAY, SOMA 2,843,430
REAL FEDERACION ESPANOLA DE CAZA 2,843,682
REAVES, JERRY MIKE 2,843,511
RECHAIN, BRUNO 2,843,802
REDBOX AUTOMATED RETAIL, LLC 2,843,589
REED, JASON C. 2,843,445
REED, KEITH G. 2,843,517
REGENERON PHARMACEUTICALS, INC. 2,844,070
REID, JULIA 2,844,132
REIN, MANFRED 2,843,490
REINGWIRTZ, DAVID 2,844,017
RESEACHEM GMBH 2,843,815
RESPIRATORY MOTION, INC. 2,843,806
REUTER, MARKUS 2,844,098
REY BONET, AITOR 2,843,682
REY, CEDRIC 2,842,919
REY, CEDRIC 2,842,936
REYNOLDS, PAUL D. 2,843,945
RHODIA OPERATIONS 2,843,542
RHODIA OPERATIONS 2,843,884
RICARDO, ALONSO 2,843,955
RICHARD, ALEXANDRE 2,843,413
RICHARDSON, CHRISTOPHER PAUL 2,843,889
RICHAUD, JOHAN 2,843,523
RICKE, STEVEN C. 2,843,958
RIEL-MEHAN, MICHAEL 2,843,756
RIGAKU INNOVATIVE TECHNOLOGIES, INC. 2,843,850
RING, ALLAN 2,843,702
RIOS, SANDRA 2,843,640
RISSE, STEFAN 2,843,478
RITHENER, BLAISE 2,843,541
RITHENER, BLAISE 2,843,543
RIVADA RESEARCH, LLC 2,843,913
ROACH, CHRIS 2,843,889
ROBBINS, STEPHEN MARK 2,843,470
ROBERTS, L. JACKSON 2,844,150
ROBERTSON, DOUGLAS A. 2,844,076
ROBISON, AARON 2,843,497
ROCHE GLYCART AG 2,844,141
ROD, RON 2,843,823
RODRIGUES, ANIBAL, JR. 2,844,124
ROEMISCH, ROYCE 2,843,971

ROGEL, LAWRENCE S. 2,843,813
ROGEL, LAWRENCE S. 2,843,816
ROGERS COMMUNICATIONS INC. 2,843,755
ROLLINGS, NICHOLAS DAVID 2,843,889
RONCAROLO, DANIELA 2,843,804
RONCUCCI, GABRIO 2,843,832
ROQUETTE FRERES 2,843,687
ROSENAU, MARK 2,843,907
ROSENBROCK, HOLGER 2,843,805
ROSMANINHO, ROXANE 2,843,252
ROSMANINHO, ROXANE 2,843,256
ROSSI, MARCO 2,843,919
ROTA ENGINEERING LIMITED 2,843,822
ROUSE, ANNE-MARIE 2,843,272
ROUSSOPOULOS, KIMON 2,843,825
RUBINSTEIN, JASON 2,843,589
RUDINEC, STEPHEN A. 2,844,104
RUECROFT, GRAHAM 2,844,025
RULLI, SAMUEL R. 2,843,910
RUMMAGE, BRANDON 2,842,945
RUPP, MARK N. 2,844,088
RUSSELL, NICHOLAS JAMES 2,843,917
RUTANEN, ANNE IRMELI 2,843,613
RUVANG, JOHN A. 2,843,585
RYAN, M. DOMINIC 2,843,965
RYTLEWSKI, GARY L. 2,843,954
RZEPKA, PAWEL 2,844,039
SACHS, DAN 2,843,767
SADD, PETER 2,843,550
SADOWSKI, CHARLES 2,843,648
SADOWSKI, PETER L. 2,843,599
SAGE SCIENCE, INC. 2,844,056
SAGEM DEFENSE SECURITE 2,843,878
SAGHATELIAN, ALAN 2,843,853
SAINT-GOBAIN GLASS FRANCE 2,843,411
SAINT-GOBAIN GLASS FRANCE 2,843,413
SAINT-GOBAIN GLASS FRANCE 2,843,849
SAITO, TAKANORI 2,844,030
SAITO, TAKANORI 2,844,034
SAITO, TAKANORI 2,844,037
SAITO, TAKANORI 2,844,038
SAITO, TAKANORI 2,844,040
SAITO, TAKANORI 2,844,042
SAKUMA, YASUHARU 2,843,588
SALAMA, AMIR 2,844,122
SALAMA, MARIANNE 2,844,122
SALAS PEREZ-RASILLA, EDUARDO 2,844,103
SALE, THOMAS C. 2,843,646
SALEKI, MANSOUR 2,843,147
SALGADO GOMEZ, JOAN 2,844,103
SANANIKONE, NEARAMIT 2,844,076
SANCHEZ, JAMES TIMOTHY 2,843,969
SANCHEZ, VICENTE 2,843,971
SANDLER, TAMARA 2,843,558
SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE 2,844,091
SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE 2,844,119
SANOFI 2,843,773
SANOFI 2,843,777
SANOFI-AVENTIS DEUTSCHLAND GMBH 2,843,206
SANOFI-AVENTIS DEUTSCHLAND GMBH 2,843,651
SARKAR, SIULI 2,843,509
SARUNIC, MARINKO V. 2,844,087
SASAI, HISAO 2,843,560
SATO, YOSHIAKI 2,843,562
SATTLER, JOHANN H. 2,844,090
SAUDI ARABIAN OIL COMAPNY 2,843,725
SAUDI ARABIAN OIL COMAPNY 2,843,733
SAUTREUIL, MATTHIEU 2,843,802
SAVARY, NICOLAS 2,843,690
SAVVOPOULOS, CHRISTOS 2,843,900
SAXONIA EUROCOIN GMBH 2,843,770
SAXTON, ROBERT J. 2,843,601
SCALICI, TONY 2,844,024
SCANOMAT A/S 2,843,759
SCELONGE, CHRISTOPHER JAY 2,844,101
SCHAFFER, STEFFEN 2,844,090
SCHAR, MANFRED 2,843,815
SCHEIDING, MICHAEL 2,843,478
SCHEIDING, SEBASTIAN 2,843,478
SCHENK, RAYMOND LYLE, III 2,843,957
SCHEVERS, ISAAC C. 2,844,009
SCHIPEK GMBH 2,838,914
SCHLABS, WINFRIED 2,844,129
SCHLEHUBER, LISA D. 2,843,315
SCHLUMBERGER CANADA LIMITED 2,843,243
SCHLUMBERGER CANADA LIMITED 2,843,469
SCHLUMBERGER CANADA LIMITED 2,843,600
SCHLUMBERGER CANADA LIMITED 2,843,954
SCHMITT, CAMILLA 2,843,889
SCHMITT, FABIEN YANNICK 2,843,889
SCHNEIDER ELECTRIC USA, INC. 2,844,096
SCHNEIDER, MARKUS 2,843,488
SCHOLZ, ARNE 2,843,809
SCHREINER, HANS-JURGEN 2,843,481
SCHUH, BRIAN J. 2,843,521
SCHULHOF, STEVEN 2,844,127
SCHULTE, MICHAEL DOMINIC 2,843,969
SCHULTZ, STEPHEN L. 2,843,944
SCHUTZ, PATRICK 2,843,776
SCHWARTZ, JAMES ROBERT 2,843,742
SCHWARZ, JACOB 2,844,058
SCHWEIKER, WERNER 2,844,114
SCHWEITZER ENGINEERING LABORATORIES, INC. 2,843,898
SCHWENDEMAN, JOHN E. 2,843,758
SCORRANO, LUCIO 2,842,936
SCOTT, J. HENRY 2,844,050
SCRIMTEC HOLDINGS, LLC 2,843,710
SEALE, ROY DANIEL 2,843,710
SEEBERGER, PETER H. 2,843,908
SEELEY, NICHOLAS C. 2,843,898
SEETHARAMAN, SESHADRI 2,844,044
SEETHARAMAN, SESHADRI 2,844,047
SEETHARAMAN, SRIDHAR 2,844,044
SEGALL, CHRISTOPHER ANDREW 2,842,804
SEGELKEN, WENDY 2,844,105
SELECTA BIOSCIENCES, INC. 2,843,274
SELL, DEVIN 2,843,904
SENE, LAURENT H. 2,843,952
SENGER, DONNA LORRAINE 2,843,470
SENTIRE MEDICAL SYSTEMS LLC 2,844,024
SEO, MASANAO 2,843,593
SERLETIC, MATT 2,843,437
SERTORIO, MATHIEU 2,843,949
SESHAGIRI, SOMASEKAR 2,843,222
SETHURAMAN, NATARAJAN 2,843,640
SEXTON, DAN 2,843,921
SEXTON, DAN 2,843,960
SHANKAR, SAI 2,843,267
SHAPIRO, STEVEN 2,843,272
SHARMA, SUNIL 2,843,609
SHARP KABUSHIKI KAISHA 2,842,804
SHAW, EDWARD E. 2,843,491
SHAW, EDWARD E. 2,843,740
SHAW, EDWARD EMIL 2,843,489
SHEETS, JOEL J. 2,843,642
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,843,525
SHETTY, GAUTAM N. 2,843,904
SHIBAHARA, YOUJI 2,843,560
SHIMIZU, YASUNORI 2,843,554
SHIRO, TOMOYA 2,843,836
SHIROFF, JASON ALAN 2,843,767
SHKEDI, ROY 2,843,831
SHORT, WILLIAM D. 2,843,141
SHOSEYOV, ODED 2,843,620
SHOTWELL, JOHN BRAD 2,844,086
SIEDEM, CHRISTOPHER S. 2,844,058
SIEGEL, STEPHAN 2,843,770
SIEMENS AKTIENGESELLSCHAFT 2,842,914
SIEMENS ENERGY, INC. 2,843,140
SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A. 2,843,211
SIGNAL PHARMACEUTICALS, LLC 2,843,887
SILVERMAN, JAMES D. 2,843,485
SILVERNAIL, NATHAN J. 2,843,848
SILVESTRO, CARLO 2,843,919
SIMON FRASER UNIVERSITY 2,844,087
SINGER, DEBRA L. 2,843,758
SINGH, BAWA 2,843,509
SINGH, DEEP ARJUN 2,843,587
SINGH, ROMI BARAT 2,844,008
SINGH, VAIBHAV 2,843,404
SINHA, SANTOSH C. 2,843,245

SIRICURURATANA, PASSAPORN 2,843,508
SKERRA, ARNE 2,844,090
SLATTERY, ANDREW 2,843,915
SLOAN VALVE COMPANY 2,843,596
SMAOUI, HICHEM 2,843,802
SMART TECHNOLOGIES ULC 2,844,105
SMITH & NEPHEW PLC 2,843,133
SMITH, CLINT 2,843,913
SMITH, ED 2,843,971
SMITH, EDWARD DEWEY, III 2,843,743
SMITH, EDWARD DEWEY, III 2,843,899
SMITH, JEREMY 2,843,857
SMITH, MATTHEW ERIC 2,843,217
SMITH, RICHARD TODD 2,843,508
SMITHS DETECTION INC. 2,843,648
SMOLENAERS, PETER 2,844,089
SNAPRAYS, LLC 2,843,857
SNECMA 2,843,579
SNECMA 2,843,580
SNECMA 2,843,581
SNECMA 2,843,686
SNYDER, LELAND D. 2,843,707
SODASTREAM INDUSTRIES LTD. 2,843,702
SOEGIONO, ORRY W. 2,843,607
SOFFIATTI, RENZO 2,843,830
SOLDAINI, GIANLUCA 2,843,832
SOLLERS, JESSE 2,843,472
SOMA, ATSUSHI 2,843,593
SOMALOGIC, INC. 2,843,507
SOMALOGIC, INC. 2,843,756
SONE, TOSHIHIKO 2,843,836
SONG, YI 2,843,444
SONKAR, SHAILENDRA 2,843,549
SONNENDORFER, HORST 2,843,638
SONY CORPORATION 2,843,263
SORNA, VENKATASWAMY 2,843,609
SORRELLS, JENNIFER 2,843,971
SOULA, GERARD 2,843,586
SOULA, OLIVIER 2,843,586
SOUTHERN RESEARCH INSTITUTE 2,844,091
SOUTHERN RESEARCH INSTITUTE 2,844,119
SOWA, CHRISTIAN 2,844,014
SPECTOR, DEBORAH H. 2,843,854
SPECTRAL PLATFORMS, INC. 2,843,752
SPOONAMORE, STEPHEN R. 2,843,890
SPOONER, EDWARD 2,843,803
SPOONER, EDWARD 2,843,807
SPOONER, EDWARD 2,843,810
SPOONER, EDWARD 2,843,814
SPROGOE, KENNETT 2,843,881
SPROGOE, KENNETT 2,843,883
STAATLICHE MUNZEN BADEN-WURTTEMBERG 2,843,770
STACEY, GARY 2,843,889
STANDLEY, ADAM RICHARD 2,843,227
STARKEY, GLENN 2,843,779
STEELMAN, RONALD S. 2,843,639
STEELMAN, RONALD S. 2,843,641
STEELMAN, RONALD S. 2,843,737
STEER, DAVID G. 2,843,538
STEER, DAVID G. 2,843,539
STEHLE, VLADIMIR 2,843,389
STEINKE, KARL 2,844,079
STENGER, PATRICK CHRISTOPHER 2,843,897
STEPANIAN, CHRISTOPHER 2,843,227
STEPHENS, ALISON FIONA 2,843,742
STEPHENS, BRET 2,843,609
STEPHENS, BRIAN DOMINIC 2,843,969
STEVENS, GERARD 2,843,746
STEVENS, SEAN 2,844,070
STEWART, ALEX A.E. 2,843,756
STEWART, NIKOLAS 2,843,769
STIMITS, JASON L. 2,843,716
STINGL, PETER 2,843,481
STOCKHAMMER, THOMAS 2,843,592
STONE, RONALD 2,843,468
STORER, NICHOLAS P. 2,843,642
STOUT, BRYCE 2,843,900
STRANO, MICHAEL S. 2,843,950
STRINGFELLOW, WEST 2,843,826
STROHMAIER, KARL G. 2,844,120
STROTHMANN, DIRK 2,843,480
STRUBBE, PETER 2,843,761
STRYKER SPINE 2,843,745
STUART, MARTIN A. 2,843,645
STUKEN, ANKE 2,843,618
STUSGEN, SILKE 2,843,488
SUDARSHAN, TIRUMALAI S. 2,843,739
SUGIO, TOSHIYASU 2,843,560
SUMITOMO SEIKA CHEMICALS CO., LTD. 2,843,678
SUMNICHT, DANIEL W. 2,843,521
SUMNICHT, DANIEL W. 2,843,522
SUNTORY HOLDINGS LIMITED 2,843,552
SUPERIOR MINERAL RESOURCES LLC 2,843,948
SURFACE GENERATION LIMITED 2,843,662
SWADI, SHANTANU N. 2,843,600
SWARUP, SHANTI 2,843,758
SWEATMAN, RONALD EARL 2,843,127
SWEENEY, LARRY M. 2,843,598
SYNCHROJET LLC 2,844,127
SYNOVIS ORTHOPEDIC AND WOUNDCARE, INC. 2,843,632
TACHIBANA, TETSUYA 2,843,569
TAGOMORI, MAURO 2,844,076
TAKANASHI, YOSUKE 2,843,836
TAKAYAMA, TORU 2,843,593
TALIA, DOMENICO 2,843,669
TAN, EK KIA 2,844,115
TANAKA, HIROSHI 2,843,597
TANAKA, HIROSHI 2,843,703
TANIGUCHI, MICHIHARU 2,843,843
TANIKAWA, KYOKO 2,843,560
TANIMURA, KENJI 2,843,678
TAPSCOTT, STEPHEN J. 2,843,636
TARDY, PHILIPPE M.J. 2,843,469
TARIEL, HUGUES 2,843,536
TARZIA, GIORGIO 2,843,265
TATA STEEL UK LTD 2,843,798
TATA STEEL UK LTD. 2,843,798
TATSUMI, MASAHIKO 2,843,597
TATSUMI, MASAHIKO 2,843,703
TAUBER, KATHARINA CHRISTIN 2,844,090
TAYFEH ALIGODARZ, MOHAMMADREZA 2,843,415
TAYLOR, CURTIS 2,843,135
TEBOUL, BENJAMIN 2,843,686
TECHENTIEN, BRUCE WALLACE 2,843,603
TECHNICAL UNIVERSITY OF DENMARK 2,844,137
TECRES S.P.A. 2,843,830
TEIJIN LIMITED 2,843,843
TEITELL, MICHAEL A. 2,843,445
TEJERO GARCIA, MARTA 2,843,682
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) 2,843,355
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) 2,843,366
TENG, LIDONG 2,844,044
TENG, LIDONG 2,844,047
TEREKHOV, DMITRI 2,843,760
TERIETE, PETER 2,844,119
TESSON, NICOLAS 2,843,553
THAGARD, GEORGE F., III 2,843,722
THATCHER, JENNIFER 2,843,626
THE BOARD OF REGENTS FOR OKLAHOMA STATE UNIVERSITY 2,843,590
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS 2,843,582
THE BOEING COMPANY 2,843,512
THE BOEING COMPANY 2,843,612
THE BOEING COMPANY 2,843,765
THE BOEING COMPANY 2,844,009
THE CHILDREN'S HOSPITAL OF PHILADELPHIA 2,843,643
THE GENERAL HOSPITAL CORPORATION 2,843,955
THE GENERAL HOSPITAL CORPORATION 2,844,144
THE GILLETTE COMPANY 2,843,742
THE GILLETTE COMPANY 2,843,743
THE GOODYEAR TIRE & RUBBER COMPANY 2,844,064
THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE NAVY 2,843,892
THE GSI GROUP, LLC 2,843,471
THE KANSAI ELECTRIC POWER CO., INC. 2,843,597
THE KANSAI ELECTRIC POWER CO., INC. 2,843,703
THE PROCTER & GAMBLE COMPANY 2,843,249
THE PROCTER & GAMBLE COMPANY 2,843,252
THE PROCTER & GAMBLE COMPANY 2,843,256

THE PROCTER & GAMBLE COMPANY 2,843,605
THE PROCTER & GAMBLE COMPANY 2,843,608
THE PROCTER & GAMBLE COMPANY 2,843,615
THE PROCTER & GAMBLE COMPANY 2,843,897
THE PROCTER & GAMBLE COMPANY 2,843,899
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,843,265
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,843,436
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,843,445
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,843,854
THE REGENTS OF THE UNIVERSITY OF MICHIGAN 2,843,891
THEDE, KAI 2,843,809
THIRUVENGADAM, ALAGU P. 2,843,775
THOMAS, GOMER 2,843,583
THOMPSON, KEITH 2,843,889
THOMPSON, MARK E. 2,843,891
TIDEMAN, JEROEN 2,843,249
TIJSSEN, PASCAL MARIA HUBERT PIERRE 2,843,486
TIJSSEN, PASCAL MARIA HUBERT PIERRE 2,843,487
TILLNER, JOACHIM 2,843,773
TILLNER, JOACHIM 2,843,777
TINTI, FABRIZIO 2,843,787
TISSUETECH, INC. 2,844,115
TO, KAR-MUN 2,843,550
TOBE, MASANORI 2,843,836
TOHO TENAX EUROPE GMBH 2,843,488
TOLEDO-SHERMAN, LETICIA M. 2,844,128
TOLENTINO, VAMBI RAYMUNDO 2,843,527
TOLENTINO, VAMBI RAYMUNDO 2,843,637
TOLENTINO, VAMBI RAYMUNDO 2,843,644
TOMASCO, MICHAEL F. 2,843,945
TOMITA, YOSUKE 2,843,123
TONNAR, JEFF 2,843,586
TONTINI, ANDREA 2,843,265
TOPFER, CLAUS 2,844,129
TOPINKA, JOHN P. 2,844,112
TORAY INDUSTRIES, INC. 2,844,030
TORAY INDUSTRIES, INC. 2,844,033
TORAY INDUSTRIES, INC. 2,844,034
TORAY INDUSTRIES, INC. 2,844,037
TORAY INDUSTRIES, INC. 2,844,038
TORAY INDUSTRIES, INC. 2,844,040
TORAY INDUSTRIES, INC. 2,844,042
TOTAL PROTECTION SERVICE S.R.L. 2,843,787
TOTAL RESEARCH & TECHNOLOGY FELUY 2,843,793
TOTAL SA 2,843,786
TOTTEN, RONALD 2,843,530
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,843,835
TRACEY, DANIEL E. 2,843,315
TRACEY, JAMES B. A. 2,843,907
TRACEY, JOHNATHAN R. 2,843,907
TRAN, SCOTT 2,843,829
TRAN, TRI D. 2,843,275
TRANSOCEAN SEDCO FOREX VENTURES LIMITED 2,844,076
TRECO, DOUGLAS A. 2,843,955
TREWELLA, JEFFREY C. 2,843,971
TRINH, CONG 2,843,891
TRUDSOE, JENS ESKIL 2,843,610
TSE, EDWARD 2,844,105
TSENG, SCHEFFER 2,844,115
TSUI, CHE-WAI 2,843,766
TSUJIUCHI, TATSUYA 2,843,597
TSUJIUCHI, TATSUYA 2,843,703
TU, SHAONING 2,843,766
TUCKER, MARK A. 2,843,758
TUCKER, STEVEN KENNETH 2,843,511
TUFFIN, GERALD 2,844,141
TUFTS MEDICAL CENTER, INC. 2,843,535
TUFTS UNIVERSITY 2,843,684
TUNSTALL, JOHN 2,843,849
TURBOMECA 2,843,690
TURGEMAN, ERIC 2,843,559
TWERDOCHLIB, MICHAEL 2,843,140
TWO TO BIOTECH LTD. 2,843,558
TZENG, CASEY G. 2,843,722
UCHIDA, KAZUHIRO 2,843,123
UEMATSU, HIDEKI 2,843,676
UHDE INVENTA-FISCHER GMBH 2,844,149
ULRICH, TIMOTHY C. 2,843,270
UMANA, PABLO 2,844,141
UNILEVER PLC 2,843,493
UNITLOAD PTY LTD 2,844,089
UNITRACT SYRINGE PTY LTD 2,843,477
UNITRACT SYRINGE PTY LTD 2,843,904
UNIVERSITA DEGLI STUDI DI URBINO "CARLO BO" 2,843,265
UNIVERSITA DELLA CALABRIA 2,843,669
UNIVERSITA' DEGLI STUDI DI PARMA 2,843,265
UNIVERSITE D'AIX-MARSEILLE 2,843,949
UNIVERSITETET I OSLO 2,843,618
UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS 2,843,546
UNIVERSITY OF SASKATCHEWAN 2,843,415
UNIVERSITY OF SOUTHERN CALIFORNIA 2,843,891
UNIVERSITY OF UTAH RESEARCH FOUNDATION 2,843,609
URBACH, JULIAN MICHAEL 2,843,479
UREA CASALE SA 2,843,789
URIBE, SANTIAGO 2,843,721
URLAM, MURALI 2,843,885
VALDEZ, MICHAEL G. 2,843,270
VAN BREUGEL, JAN 2,843,696
VAN DER LINDE, COLWYN 2,843,760
VAN DER VEEN, TIM 2,843,475
VAN DER WEIDE, PAULUS LODUVICUS JOHANNES 2,843,696
VAN OVERSTRAETE, BJORN 2,843,252
VAN OVERSTRAETE, BJORN 2,843,256
VANDERBILT UNIVERSITY 2,844,150
VANKAYALAPATI, HARIPRASAD 2,843,609
VAPROSHIELD, LLC 2,843,707
VARGHESE, CINISH P. 2,843,617
VARGHESE, CINISH P. 2,843,629
VASQUEZ, ERNESTO 2,843,916
VATS, SANDEEP KUMAR 2,844,008
VAUGHT, JONATHAN 2,843,507
VEEN HOLDINGS PTY. LTD. 2,843,475
VEILLARD, EMMANUEL 2,843,695
VENMAR CES INC. 2,843,763
VENUGOPAL, AJITH 2,843,231
VENUGOPAL, RAGHAVAN 2,843,468
VERDIER, HUBERT PASCAL 2,843,690
VERHOEVEN, MAARTEN JURIAAN 2,843,584
VERMA, RAVI KANT 2,843,752
VERMAN, BORIS 2,843,850
VERRAT-DEBAILLEUL, ADELE 2,843,411
VERRAT-DEBAILLEUL, ADELE 2,843,413
VERTEX PHARMACEUTICALS INCORPORATED 2,844,054
VESCI, LOREDANA 2,843,211
VESTERGAARD, STEVEN ERIK 2,843,766
VESUVIUS CRUCIBLE COMPANY 2,843,523
VETTER, DIRK 2,843,504
VETTER, DIRK 2,843,506
VETTER, DIRK 2,843,875
VICTOR EMMANUEL, NANTHAKUMAR 2,843,760
VIDAL LANCIS, JOSE MARIA 2,843,696
VIEWSIQ INC. 2,843,772
VIGNOLA, DAVIDE 2,843,211
VILKAMO, JUHA 2,843,820
VINCENT, KEITH ALAN 2,843,795
VISH, RONALD J. 2,843,596
VISWANATHAN, MALINI 2,843,896
VIVEKANANDAN, VINAYAN 2,843,617
VIVOLO, JOE 2,843,945
VOGEL, RALF 2,844,014
VOGLER, KLAUS 2,843,621
VOIGT, TOBIAS 2,843,503
VOITENLEITNER, CHRISTIAN 2,843,502
VOLK, NAAMA 2,844,012

VON DER OSTEN-SACK, ANDREAS 2,843,428
VOSSELLER, SHANNON B. 2,844,077
VROMAN, HILDA B. 2,844,120
VVEDENSKY, VLADIMIR Y. 2,843,885
VYGON 2,843,149
W. L. GORE & ASSOCIATES, INC. 2,843,485
W. L. GORE & ASSOCIATES, INC. 2,843,489
W. L. GORE & ASSOCIATES, INC. 2,843,497
W.L. GORE & ASSOCIATES, INC. 2,843,491
W.L. GORE & ASSOCIATES, INC. 2,843,740
WAADT, GUNTHER 2,843,770
WAGNER, SUSANNE 2,844,132
WAKABAYASHI, KAZUNORI 2,843,123
WALKER, JILL 2,843,502
WALLACE, ELI M. 2,844,058
WALLER, DOUG 2,843,769
WANG, FRANK C. 2,843,515
WANG, JIANGFANG 2,843,643
WANG, JINFANG 2,843,493
WANG, LIMING 2,843,245
WANG, TIANSHENG 2,844,054
WANG, XU 2,843,596
WANG, YI 2,843,630
WANG, YUNXIA 2,809,647
WARE, DOUGLAS R. 2,843,958
WARNER BROS. ENTERTAINMENT INC. 2,844,078
WARNER, STEVE L. 2,843,609
WATSON, JAMES 2,843,616
WATSON, JAMES NICHOLAS 2,843,656
WATSON, ROBERT J. 2,843,537
WATSON-MARLOW LIMITED 2,843,501
WAUGH, GREGORY M. 2,843,765
WAVELIGHT GMBH 2,843,621
WEAVER, PHILIP A. 2,843,477
WEDI, JOHANNES 2,843,761
WEEKS HOLDINGS PTY LTD 2,844,083
WEEKS, KEVIN 2,844,083
WEGGE, THOMAS 2,843,881
WEGGE, THOMAS 2,843,883
WEI, XIAOLAN 2,843,721
WEIR, CATHY 2,843,268
WEISS, NORMAN 2,843,424
WELNA, KARL PETER 2,843,546
WEN, JIEQIANG 2,843,420
WEN, JIEQIANG 2,843,634
WENG, XIAOWEI 2,843,469
WENZKE, BENJAMIN 2,843,389
WERNER, MARK F. 2,844,118
WERY, SEBASTIEN 2,843,849
WESCH, KARL 2,843,490
WHELAN-CURTIN, WILLIAM 2,843,546
WHITE, JAMES MICHAEL 2,843,710
WHITE, WALTER 2,843,602
WHITED, MATTHEW T. 2,843,891
WHITMORE, HELEN 2,843,550
WHITTINGTON, RANDY H. 2,843,952
WHYTOCK, JOHN C. 2,843,607
WIARD, RICHARD 2,843,945
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